

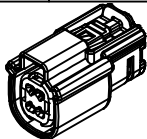
TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES AND BOM
2	CONFIGURATIONS
3-4	KEY CONFIGURATIONS
5	RECEPTACLE CONNECTOR ASSEMBLY
6	BACKSHELL NOTES
7	BACKSHELL
8	BACKSHELL CONFIGURATIONS

NOTES: VALID UNLESS OTHERWISE SPECIFIED

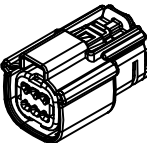
1. GENERAL:
- a. APPLICATION SPECIFICATION SEE: AS-33472-100
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
 - DESIGNED TO MATE WITH DEVICE OR CONNECTOR AS SPECIFIED IN THE MATING INTERFACE/CONNECTOR DRAWINGS CHART.
 - *DENOTES DRAWINGS THAT CAN BE ACCESSED AT <<http://ewcap.uscarteams.org/>>.
 - ASSEMBLY SHIPPED WITH PLR IN PRE-LOCK POSITION (SEE PLR PRE-LOCK VIEW SHEET 5).
- b. PRODUCT SPECIFICATION SEE:
- STANDARD CONFIGURATION: PS-33472-000
 - TRANSMISSION CONFIGURATION: TS-160038-0001
 - UL V0 CONFIGURATION: TBD
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), TERMINALS, WIRE DIAMETER RANGE, PRODUCT VALIDATION, AND PRODUCT DEVIATIONS.
- c. PACKAGING SPECIFICATION PER MOLEX DRAWING: SEE PACKAGING CHART
- d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: OEHS-699000-301
- e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
2. DESIGN - MATERIALS:
- a. FOR BILL OF MATERIALS SEE:
- STANDARD CONFIGURATION SD-33472-0002
 - TRANSMISSION CONGURATION SD-160038-0002
 - UL V0 CONFIGURATION SD-160074-0002
- b. TRANSMISSION CONNECTOR COMPONENTS MUST MEET THE MATERIAL REQUIREMENTS SPECIFIED IN TS-160038-0001
3. DESIGN - GEOMETRY:
- a. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND MASTER FOR THIS PART WITH THE EXCEPTION OF UNDERLINED DIMENSIONS. DIMENSIONAL INFORMATION NOT SHOWN ON THIS DRAWING IS DEFINED BY THE DATA FILE AT ITS LATEST REVISION.
- b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
- c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
- d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
- e. LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD. THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
- f. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B).
- g. LASER MARKING:
- PART NUMBER
 - DAY OF THE YEAR
 - SHIFT
 - YEAR
- FOR ADDITIONAL INFORMATION SEE SECTION 5 UNDER PROCEDURES IN ES-34735-008.

PACKAGING	
DESCRIPTION	DRAWING NO.
2X2	PK-31300-635
2X3	PK-31300-903
2X4	PK-31300-903
2X6	PK-31300-903
2X8	PK-31300-903
2X10	PK-31300-903

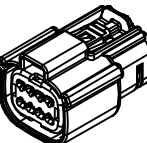
MATING INTERFACE/CONNECTOR DRAWINGS		
DESCRIPTION	INTERFACE DEFINITION	MOLEX INLINE
STANDARD 2X2	*150-S-004-2-Z02	SD-33482-041
UL V0 2X2	*150-S-004-2-Z02	SD-33482-0001
STANDARD 2X3	*150-S-006-2-Z02	SD-33482-061
TRANSMISSION 2X3	*150-S-006-2-Z02	N/A
STANDARD 2X4	*150-S-008-2-Z02	SD-33482-081
UL V0 2X4	*150-S-008-2-Z02	SD-33482-0001
STANDARD 2X6	*150-S-012-2-Z01	SD-33482-0001
STANDARD 2X8	*150-S-016-2-Z01	SD-33482-0001
STANDARD 2X10	E-33472-201	SD-33482-0001
UL V0 2X10	E-33472-201	SD-33482-0001



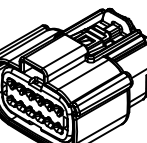
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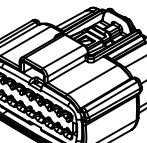
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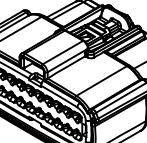
2x4



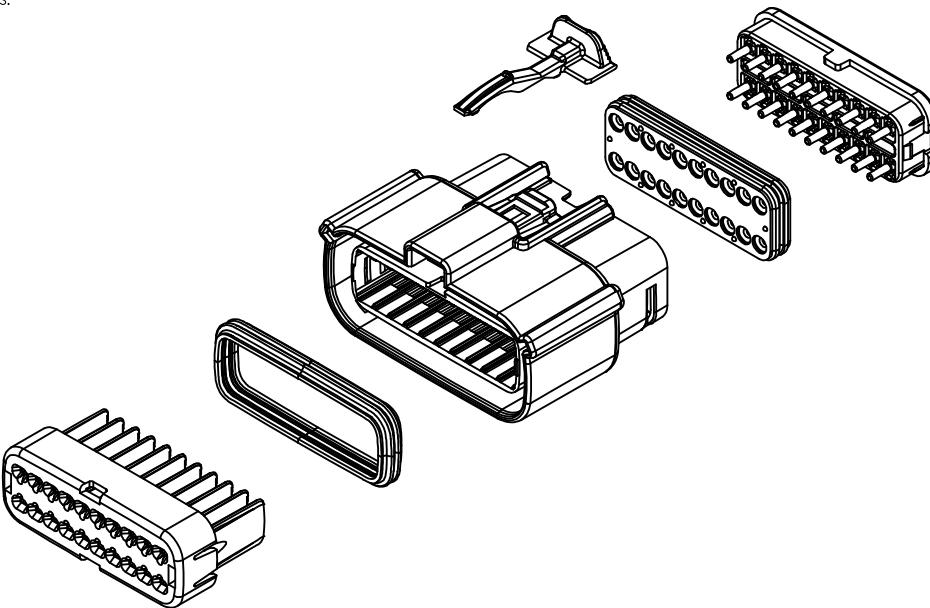
2x6



2x8



2x10

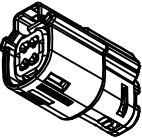
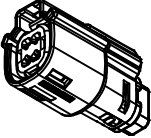
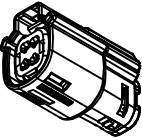
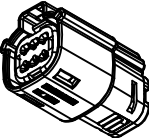
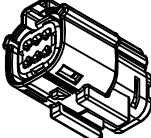
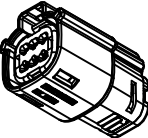
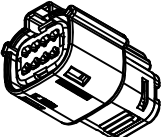
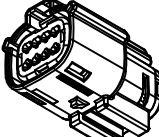
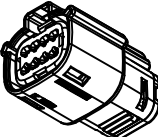
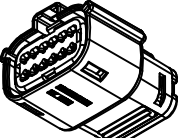
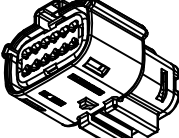
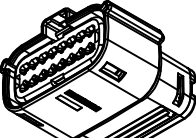
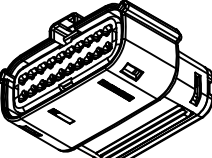
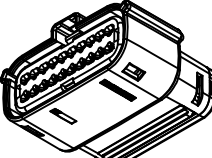


INSPECTION NUMBER LOG	
LAST NUMBER: 10	
ADDED:	
REMOVED:	

A4	ADD UL V0 CONFIGURATIONS
A3	ADDED 2X3 STD AND TRANSMISSION
A2	UPDATED 2X8 BLD DRAWINGS
A1	FIXED TYPO IN NOTE 1a, UPDATED 2X6 MOLEX INLINE BLADE DRAWING
A	INITIAL RELEASE

DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
MM ONLY		1:1	METRIC		
DRAWN BY	DATE	TITLE MX150 RCPT DUAL ROW SEALED ASSEMBLY MAT SEAL molex			
APPROVED BY	DATE				
CHECKED BY	DATE				
W.KOSHY	2014/06/27				
MATERIAL NO.		DOCUMENT NO.	SHEET NO.		
SEE NOTE 2a.		SD-33472-0001			1 OF 8
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

ENTER DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)	
EC NO: UA0205-1759		▽=0		mm	
DRAWN: APROFFITT 2015/05/22		▽=0		INCH	
CHKD: KEBRUSZESKI 2015/06/03		▽=0		4 PLACES ± --- ± ---	
APPR: VKOSHY 2015/06/04		▽=0		3 PLACES ± --- ± ---	
				2 PLACES ± 0.10 ± ---	
				1 PLACE ± 0.2 ± ---	
				0 PLACE ± --- ± ---	
				ANGULAR ± 1 °	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
M	SHEET DESCRIPTION CONFIGURATIONS																				M
L	 2X2 - STANDARD (STD)				 2X2 - LENGTHENED				 2X2 - UL V0 CONFIGURATION †												L
K																					K
J	 2X3 - STANDARD (STD)				 2X3 - STANDARD (STD) WITH CLIPSLOT *				 2X3 - TRANSMISSION FLUID CONFIGURATION †												J
I																					I
H	 2X4 - STANDARD (STD)				 2X4 - STANDARD (STD) WITH CLIPSLOT *				 2X4 - UL V0 CONFIGURATION †												H
G																					G
F	 2X6 - STANDARD (STD)				 2X6 - STANDARD (STD) WITH CLIPSLOT *																F
E																					E
D	 2X8 - STANDARD (STD)																				D
C																					C
B	 2X10 - STANDARD (STD)				 2X10 - UL V0 CONFIGURATION †																B
A																					A
	1b_frame_A1_P_AMT Rev. G 2012/01/11	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	

* WITH CLIPSLOT CONFIGURATION DOES NOT MEET THE USCAR PACKAGING FRAME REQUIREMENTS

† SAME GEOMETRY AS STANDARD CONFIGURATION. SEE NOTES 2b-c FOR MORE INFORMATION

ENTER DESCRIPTION EC NO: UAU2015-1759 DRAWN BY: A4 CHKD BY: CHYKOBORUSZENSK APPR: VKOSHY	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION
				MM ONLY		1:1	METRIC	
				DRAWN BY	DATE	TITLE		
				APPROF	ITT			
				CHECKED BY	DATE			
				APPROVED BY	DATE			
				VKOSHY	2014/06/27			
				MATERIAL NO.	DOCUMENT NO.			
				SEE NOTE 2a.		SD-33472-0001		
				SIZE A1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

2 OF 8

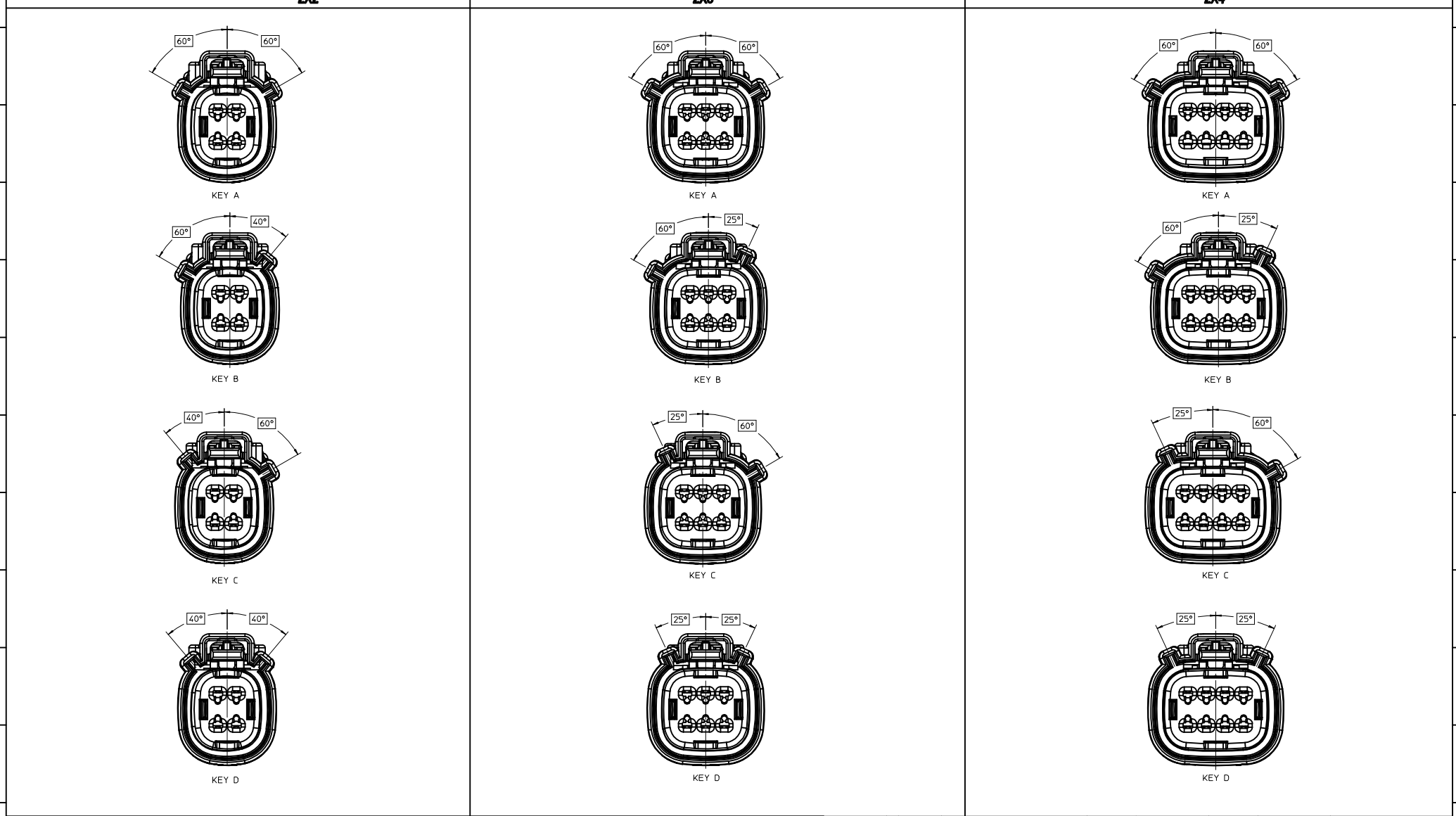
SHEET DESCRIPTION

KEY CONFIGURATIONS

2X2

2X3

2X4



ENTER DESCRIPTION EC NO: UAU2015-1759 DRAWN BY: APPOFF ITT CHKD BY: RUSZENSK APPR: WKOSHY										DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
											▽=0 ▽=0 ▽=0		mm	INCH	DRAWN BY	DATE	TITLE MX150 RCPT DUAL ROW SEALED ASSEMBLY MAT SEAL			
												4 PLACES	± ---	± ---	APPROFF ITT	2014/05/14				
												3 PLACES	± ---	± ---	CHECKED BY	DATE				
												2 PLACES	± 0.10	± ---	APPROVED BY	DATE				
1 PLACE	± 0.2	± ---	VKOSHY	2014/06/27	DOCUMENT NO. SD-33472-0001															
0 PLACE	± ---	± ---	MATERIAL NO.	SEE NOTE 2a.					SHEET NO. 3 OF 8											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											SIZE A1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

1b_frame_A1_P_AM_T Rev. G 2012/01/11	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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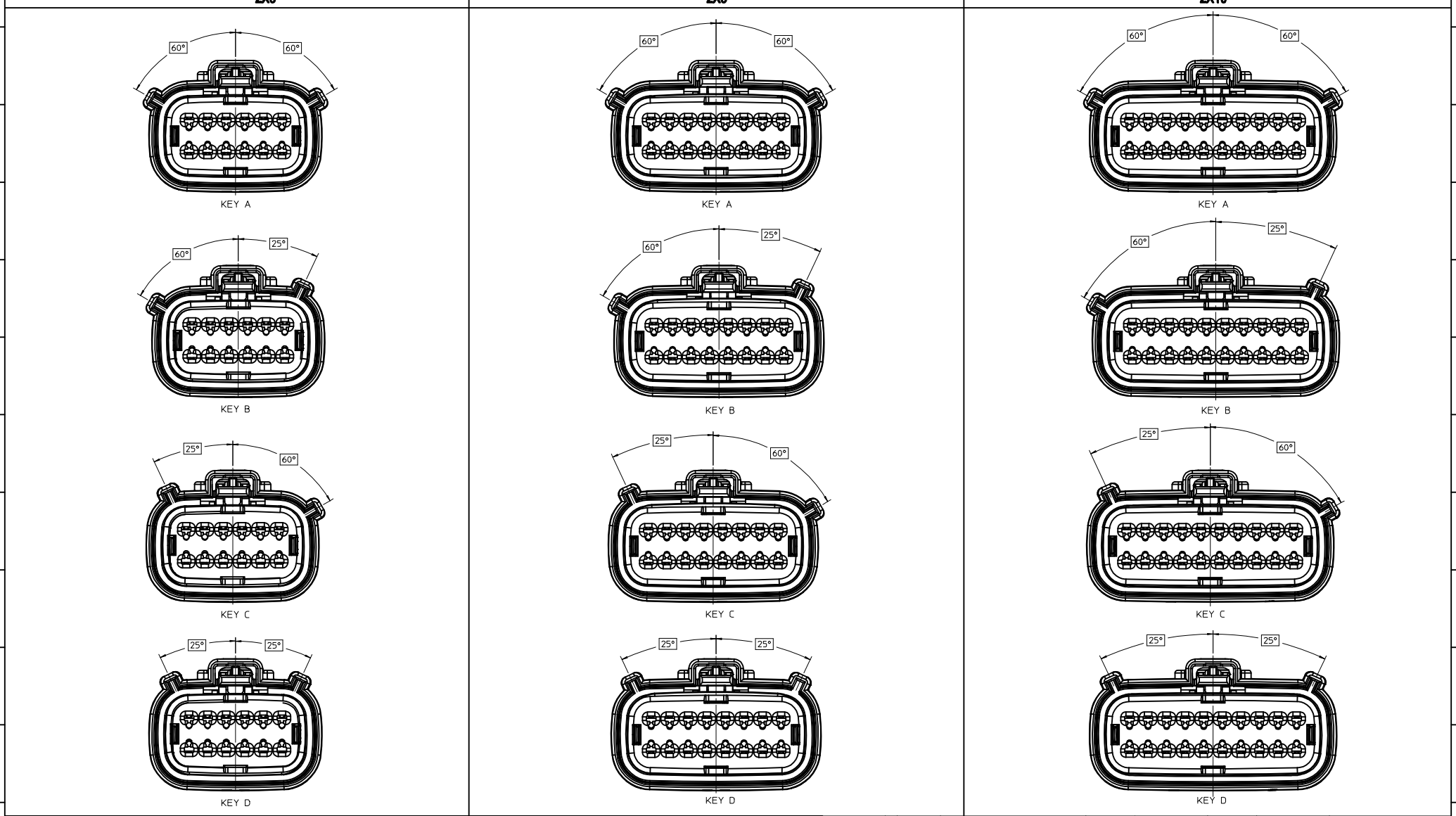
SHEET DESCRIPTION

KEY CONFIGURATIONS CONT.

2X6

2X8

2X10



ENTER DESCRIPTION

EC NO: UAU2015-1759

DRAWN BY: DRWINAPROFFITT 2015/05/22

CHKD BY: CHYKOKBORSZENSK 2015/06/03

APPR BY: VKOSHY 2015/06/04

A4

QUALITY SYMBOLS

▽=0

▽=0

▽=0

▽=0

DESCRIPTION

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.2	± ---
0 PLACE	± ---	± ---

ANGULAR ± 1 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE

MM ONLY

DRAWN BY: APPROFFITT 2014/05/14

CHECKED BY: DATE

APPROVED BY: VKOSHY 2014/06/27

MATERIAL NO.

SEE NOTE 2a.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SCALE

3:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

MX150 RCPT DUAL ROW SEALED ASSEMBLY MAT SEAL

molex

DOCUMENT NO.

SD-33472-0001

SHEET NO.

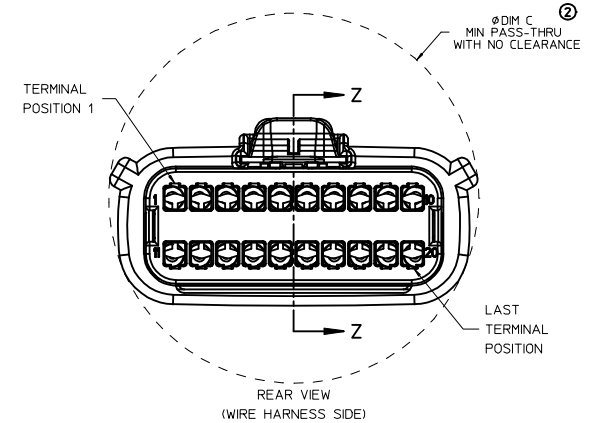
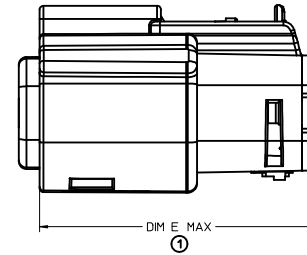
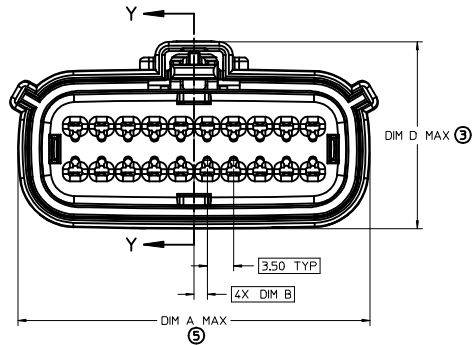
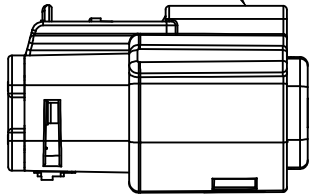
4 OF 8

SHEET DESCRIPTION

RECEPTACLE CONNECTOR ASSEMBLY

CHARTED DIMENSIONS

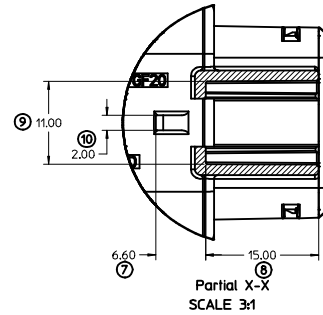
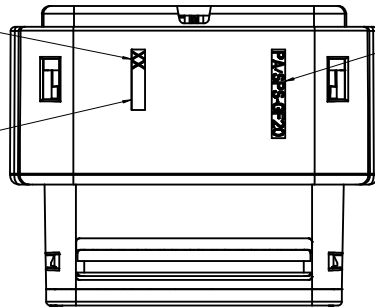
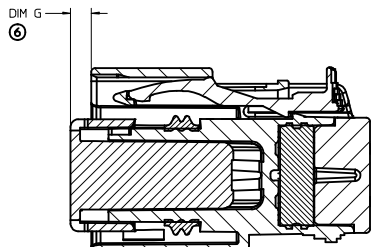
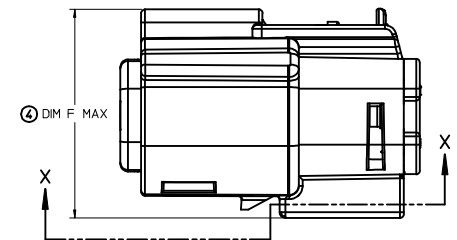
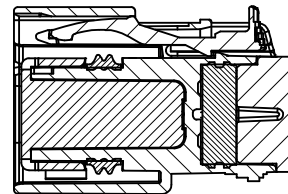
DESCRIPTION	DIMENSIONS					
	A	B	C	D	E	F
2X2 STANDARD	18.58	1.75	25.45	24.81	37.65	N/A
2X2 LENGTHENED	18.58	1.75	25.45	24.81	42.25	N/A
2X3 W/ CLIPSLOT	22.25	3.50	30.50	N/A	37.65	27.96
2X3 W/O CLIPSLOT	22.25	3.50	26.24	24.90	37.65	N/A
2X4 W/ CLIPSLOT	25.75	1.75	31.50	N/A	37.65	28.00
2X4 W/O CLIPSLOT	25.75	1.75	29.19	24.81	37.65	N/A
2X6 W/ CLIPSLOT	32.75	1.75	35.58	N/A	37.65	27.76
2X6 W/O CLIPSLOT	32.75	1.75	35.58	24.90	37.65	N/A
2X8 W/O CLIPSLOT	39.80	1.75	42.25	24.90	37.65	N/A
2X10 W/O CLIPSLOT	46.75	1.75	49.05	24.90	37.65	N/A

LASER MARKING ON THIS SURFACE
SEE NOTE 3g.

MOLD CAVITY I.D. THIS LOCATION

RECYCLE CODE THIS LOCATION

MANUFACTURING LOCATION CODE THIS LOCATION

Partial X-X
SCALE 3:1PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN PRE-STAGED POSITION
SECTION Y-YPRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN FINAL-LOCK POSITION
SECTION Z-Z

ENTER DESCRIPTION EC NO: UAU2015-1759 DRAWN BY: ITT CHKD BY: KURUSZESKI APPR: KOSHY DATE: 2015/05/22 DATE: 2015/06/03 DATE: 2015/06/04		QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
					DRAWN BY DATE		TITLE			
			4 PLACES ± --- ± ---		APPROFIT 2014/05/14		MX150 RCPT			
			3 PLACES ± --- ± ---		CHECKED BY DATE		DUAL ROW SEALED ASSEMBLY			
			2 PLACES ± 0.10 ± ---		APPROVED BY DATE		MAT SEAL			
A4		REVISION	1 PLACE ± 0.2 ± ---	VKOSHY 2014/06/27		molex		DOCUMENT NO.	SHEET NO. 5 OF 8	
			0 PLACE ± --- ± ---							
			ANGULAR ± 1 °		MATERIAL NO.					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE NOTE 2a.					
					SD-33472-0001					
				SIZE A1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

MX150 RCPT
DUAL ROW SEALED ASSEMBLY
MAT SEAL

molex

SHEET DESCRIPTION

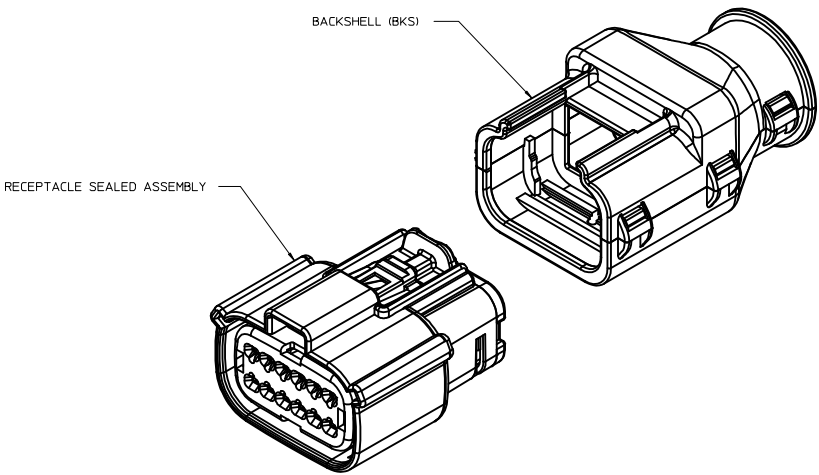
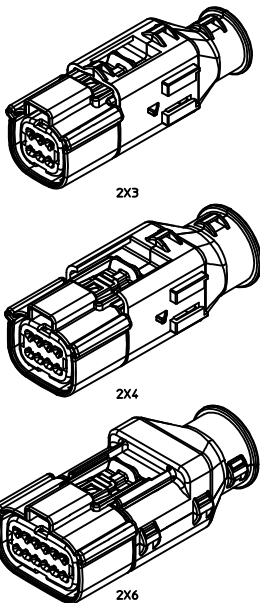
BACKSHELL NOTES

BACKSHELL NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
- a. APPLICATION SPECIFICATION SEE: AS-34951-001
- DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY SPECIFIED IN MOLEX DRAWING SD-33472-0001.
 - SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2mm TO 2.69mm.
 - COMPONENTS ARE OPTIONAL AND MUST BE PURCHASED SEPERATELY.
 - BACKSHELL DESIGN IS OWNED BY SCHLEMMER.
 - FOR ADDITIONAL INFORMATION SEE THE BACKSHELL COMPONENT DRAWING SD-34951-0001.

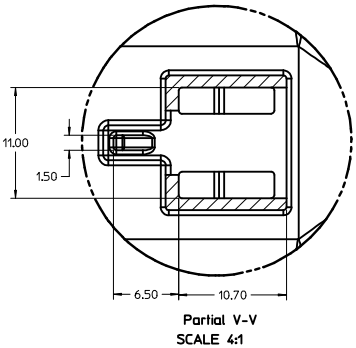
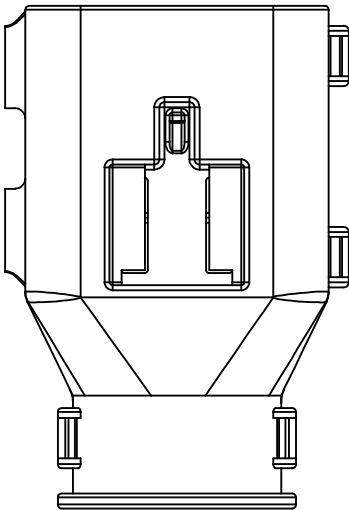
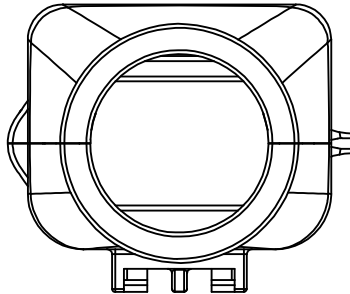
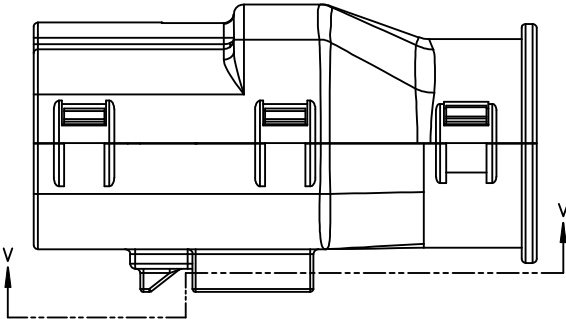
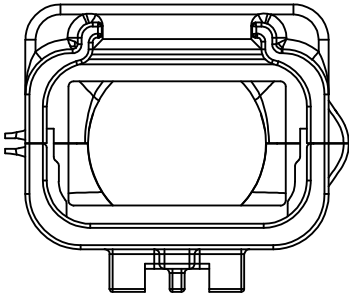
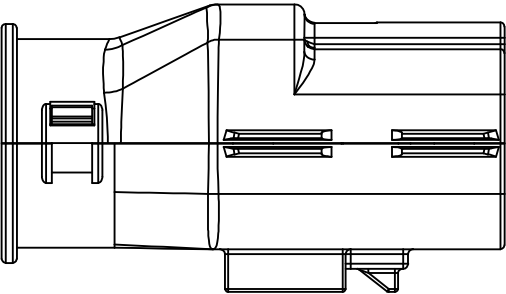
BACKSHELL CUSTOMER
MODEL NUMBER LEGEND

- 34951-XXXX
- CUSTOMER MODEL COMPONENTS
 - 0 - BACKSHELL ONLY
 - 1 - BACKSHELL & MX150 HOUSING KEY A ASSEMBLY
 - 2 - BACKSHELL & MX150 HOUSING KEY B ASSEMBLY
 - 3 - BACKSHELL & MX150 HOUSING KEY C ASSEMBLY
 - 4 - BACKSHELL & MX150 HOUSING KEY D ASSEMBLY
 - BACKSHELL FEATURES
 - 1 - WITH RIBS
 - 2 - WITHOUT RIBS
 - MX150 CIRCUIT SIZE 04, 06, 08, 12, 16, 20



ENTER DESCRIPTION EC. NO.: UAU2015-759 DRAWN BY: APROFFITT 2015/05/22 CHKD BY: KORUSZEWSKI 2015/06/03 APPR: WKOSHY 2015/06/04 A4	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
					DRAWN BY DATE		TITLE		
			4 PLACES ± --- ± ---		APPROFFITT 2014/05/14		MX150 RCPT		
			3 PLACES ± --- ± ---		CHECKED BY DATE		DUAL ROW SEALED ASSEMBLY		
			2 PLACES ± 0.10 ± ---		APPROVED BY DATE		MAT SEAL		
			1 PLACE ± 0.2 ± ---		VKOSHY 2014/06/27		molex		
			0 PLACE ± --- ± ---		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
			ANGULAR ± 1 °		SEE NOTE 2a.		SD-33472-0001		6 OF 8
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A1 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			REV						

SHEET DESCRIPTION
BACKSHELL

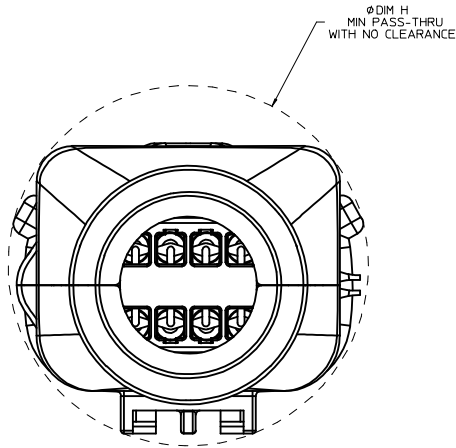
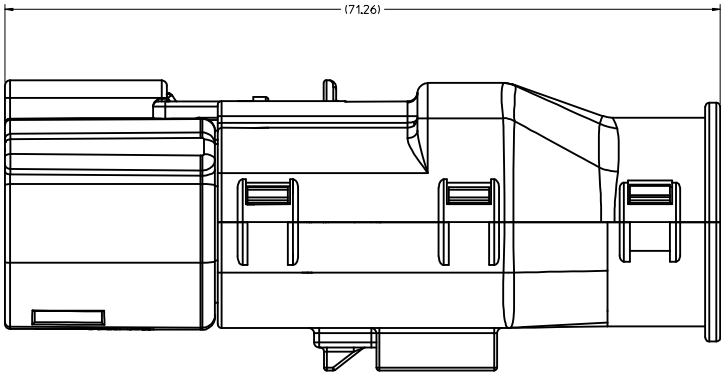


ENTER DESCRIPTION EC NO: UA02015-1759 DRAWN: APROFFITT 2015/05/22 CHKD: KEBUSZENSK 2015/06/03 APPR: VKOSHY 2015/06/04 A4	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- 0 PLACE ± --- ± --- ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
			DRAWN BY DATE APROFFITT 2014/05/14		TITLE MX150 RCPT DUAL ROW SEALED ASSEMBLY MAT SEAL molex			
			CHECKED BY DATE					
			APPROVED BY DATE VKOSHY 2014/06/27		DOCUMENT NO. SD-33472-0001		SHEET NO. 7 OF 8	
			SEE NOTE 2a.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

SHEET DESCRIPTION

BACKSHELL CONFIGURATIONS

CHARTED DIMENSIONS	
DESCRIPTION	DIMENSIONS
	H
2X2 STANDARD	TBD
2X2 LENGTHENED	TBD
2X3 W/ CLIPSLOT	TBD
2X3 W/O CLIPSLOT	28.50
2X4 W/ CLIPSLOT	TBD
2X4 W/O CLIPSLOT	30.75
2X6 W/ CLIPSLOT	TBD
2X6 W/O CLIPSLOT	35.83
2X8 W/O CLIPSLOT	TBD
2X10 W/O CLIPSLOT	TBD



RECEPTACLE SEALED ASSEMBLY WITH RECEPTACLE BACKSHELL

ENTER DESCRIPTION
EC NO: UAU2015-1759
DRAWN BY: DRWNAPROFFITT 2015/05/22
CHKD BY: CHYKDEBORSZESKI 2015/06/03
APPR BY: VKOSHY 2015/06/04

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.10 ± ---
1 PLACE ± 0.2 ± ---
0 PLACE ± --- ± ---
ANGULAR ± 1 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

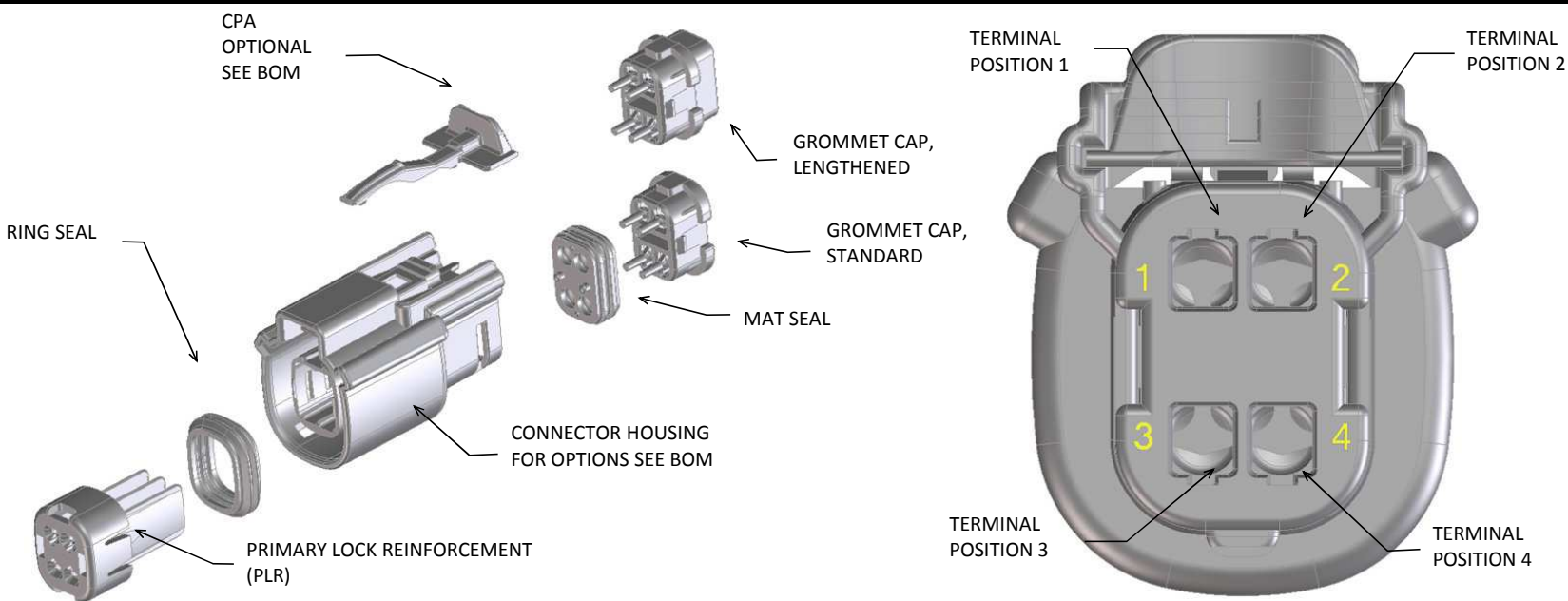
DIMENSION STYLE
MM ONLY
DRAWN BY DATE
APPROFFITT 2014/05/14
CHECKED BY DATE
APPROVED BY DATE
VKOSHY 2014/06/27
MATERIAL NO.
SEE NOTE 2a.

SCALE
4:1
DESIGN UNITS
METRIC
THIRD ANGLE PROJECTION

DOCUMENT NO.
SD-33472-0001
SHEET NO.
8 OF 8

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

MX150 RECEPTACLE 2X2 SEALED ASSEMBLY MAT SEAL
BOM AND PIN OUT SHEET



ABBREVIATION	DESCRIPTION	COLOR	MATERIAL
A-BLK	HOUSING, KEYING OPTION A	BLACK	SPS/NYLON GF20
B-LG	HOUSING, KEYING OPTION B	LIGHT GRAY	SPS/NYLON GF20
C-BR	HOUSING, KEYING OPTION C	BROWN	SPS/NYLON GF20
D-GR	HOUSING, KEYING OPTION D	GREEN	SPS/NYLON GF20
C-DG	HOUSING, KEYING OPTION C	DARK GRAY	SPS/NYLON GF20
D-SG	HOUSING, KEYING OPTION D	STONE GRAY	SPS/NYLON GF20
A-YW	HOUSING, KEYING OPTION A	YELLOW	SPS/NYLON GF20
GCP	GROMMET CAP (STANDARD PLUGGED)	BLACK	SPS/NYLON GF20
GCO	GROMMET CAP (STANDARD OPEN)	BLACK	SPS/NYLON GF20
GCLP	GROMMET CAP (LENGTHENED PLUGGED)	BLACK	SPS/NYLON GF20
GCLO	GROMMET CAP (LENGTHENED OPEN)	BLACK	SPS/NYLON GF20
PLR	PLR	NATURAL	SPS/NYLON GF20
CPA	CPA	RED	PBT GF30
M	MAT SEAL	RUST RED	INHERENTLY LUBRICATED SILICONE
R	RING SEAL	GREEN	INHERENTLY LUBRICATED SILICONE

FOR ADDITIONAL INFORMATION SEE SD-33472-0001

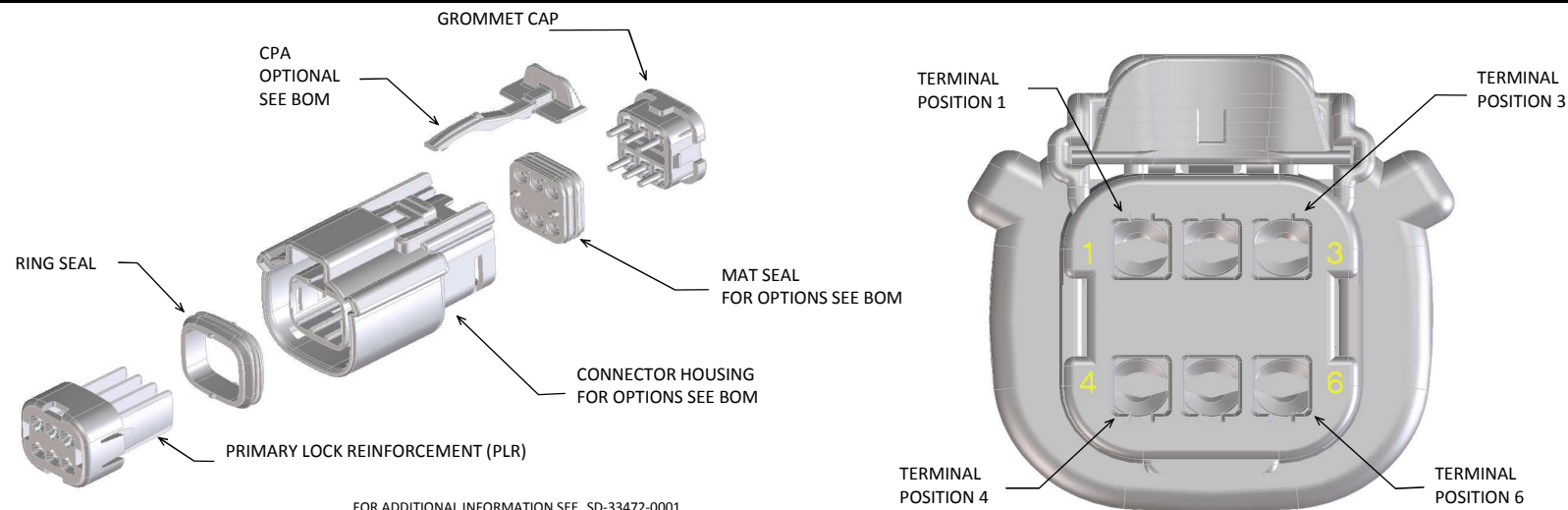
ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS												STATUS	COMMENTS	OPTIONAL ATTATCHMENTS SOLD SEPERATELY	
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.						CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION														BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS
		HOUSING KEY/COLOR	GROMMET CAP	PLR	CPA	MAT SEAL	RING SEAL	1	2	3	4												
KEY A, BLACK, W/O CPA	33472-4001	A-BLK	GCO	PLR		M	R												NOT VALIDATED				
KEY B, LIGHT GRAY, W/O CPA	33472-4002	B-LG	GCO	PLR		M	R												NOT VALIDATED				
KEY C, BROWN, W/O CPA	33472-4003	C-BR	GCO	PLR		M	R												NOT RECOMMENDED	SEE 33472-4042			
KEY D, GREEN, W/O CPA	33472-4004	D-GR	GCO	PLR		M	R												NOT RECOMMENDED	SEE 33472-4043			
KEY A, BLACK, W/CPA	33472-4006	A-BLK	GCO	PLR	CPA	M	R												NOT VALIDATED				
KEY B, LIGHT GRAY, W/CPA	33472-4007	B-LG	GCO	PLR	CPA	M	R												NOT VALIDATED				
KEY C, BROWN, W/CPA	33472-4008	C-BR	GCO	PLR	CPA	M	R												NOT RECOMMENDED	SEE 33472-4044			
KEY D, GREEN, W/CPA	33472-4009	D-GR	GCO	PLR	CPA	M	R												NOT RECOMMENDED	SEE 33472-4045			
KEY A, BLACK, W/O CPA	33472-4031	A-BLK	GCP	PLR		M	R	1	2	3	4								NOT VALIDATED				
KEY B, LIGHT GRAY, W/O CPA	33472-4032	B-LG	GCP	PLR		M	R	1	2	3	4								NOT VALIDATED				
KEY C, BROWN, W/O CPA	33472-4033	C-BR	GCP	PLR		M	R	1	2	3	4								NOT RECOMMENDED	SEE 33472-4046			
KEY D, GREEN, W/O CPA	33472-4034	D-GR	GCP	PLR		M	R	1	2	3	4								NOT RECOMMENDED	SEE 33472-4047			
KEY A, BLACK, W/O CPA	33472-4101	A-BLK	GCLO	PLR		M	R												NOT VALIDATED				
KEY B, LIGHT GRAY, W/O CPA	33472-4102	B-LG	GCLO	PLR		M	R												NOT VALIDATED				
KEY C, DARK GRAY, W/O CPA	33472-4103	C-DG	GCLO	PLR		M	R												NOT VALIDATED				
KEY D, STONE GRAY, W/O CPA	33472-4104	D-SG	GCLO	PLR		M	R												NOT VALIDATED				
KEY A, BLACK, W/CPA	33472-4105	A-BLK	GCLO	PLR	CPA	M	R												NOT VALIDATED				
KEY B, LIGHT GRAY, W/CPA	33472-4106	B-LG	GCLO	PLR	CPA	M	R												NOT VALIDATED				
KEY C, DARK GRAY, W/CPA	33472-4107	C-DG	GCLO	PLR	CPA	M	R												NOT VALIDATED				
KEY D, STONE GRAY, W/CPA	33472-4108	D-SG	GCLO	PLR	CPA	M	R												NOT VALIDATED				
KEY A, BLACK, W/O CPA	33472-4109	A-BLK	GCLP	PLR		M	R	1	2	3	4								NOT VALIDATED				
KEY B, LIGHT GRAY, W/O CPA	33472-4110	B-LG	GCLP	PLR		M	R	1	2	3	4								NOT VALIDATED				
KEY C, DARK GRAY, W/O CPA	33472-4111	C-DG	GCLP	PLR		M	R	1	2	3	4								NOT VALIDATED				
KEY D, STONE GRAY, W/O CPA	33472-4112	D-SG	GCLP	PLR		M	R	1	2	3	4								NOT VALIDATED				
OBSOLETE	33472-4113																		OBSOLETE				
OBSOLETE	33472-4114																		OBSOLETE				
OBSOLETE	33472-4115																		OBSOLETE				
OBSOLETE	33472-4116																		OBSOLETE				
OBSOLETE	33472-4117																		OBSOLETE				
KEY A, BLACK, W/O CPA	33472-4035	A-BLK	GCP	PLR		M	R		2	3									NOT VALIDATED				
KEY A, BLACK, W/O CPA	33472-4036	A-BLK	GCP	PLR		M	R	1	2	3									NOT VALIDATED				
KEY A, BLACK, W/O CPA	33472-4037	A-BLK	GCP	PLR		M	R			3	4								NOT VALIDATED				
KEY A, BLACK, W/O CPA	33472-4038	A-BLK	GCP	PLR		M	R				3								NOT VALIDATED				
KEY A, BLACK, W/O CPA	33472-4039	A-BLK	GCP	PLR		M	R				4								NOT VALIDATED				
KEY A, BLACK, W/O CPA	33472-4040	A-BLK	GCP	PLR		M	R		2										NOT VALIDATED				
KEY A, BLACK, W/O CPA	33472-4041	A-BLK	GCP	PLR		M	R	1	2										NOT VALIDATED				
KEY C, DARK GRAY, W/O CPA	33472-4042	C-DG	GCO	PLR		M	R												NOT VALIDATED				
KEY D, STONE GRAY, W/O CPA	33472-4043	D-SG	GCO	PLR		M	R												NOT VALIDATED				
KEY C, DARK GRAY, W/CPA	33472-4044	C-DG	GCO	PLR	CPA	M	R												NOT VALIDATED				
KEY D, STONE GRAY, W/CPA	33472-4045	D-SG	GCO	PLR	CPA	M	R												NOT VALIDATED				
KEY C, DARK GRAY, W/O CPA	33472-4046	C-DG	GCP	PLR		M	R	1	2	3	4								NOT VALIDATED				
KEY D, STONE GRAY, W/O CPA	33472-4047	D-SG	GCP	PLR		M	R	1	2	3	4								NOT VALIDATED				
KEY A, BLACK, W/O CPA	33472-4048	A-BLK	GCP	PLR		M	R		2		4								NOT VALIDATED				
KEY A, BLACK, W/CPA	33472-4049	A-BLK	GCP	PLR	CPA	M	R		2										NOT VALIDATED				
KEY A, BLACK, W/CPA	33472-4050	A-BLK	GCP	PLR	CPA	M	R			3									NOT VALIDATED				
KEY A, BLACK, W/CPA	33472-4051	A-BLK	GCP	PLR	CPA	M	R				4								NOT VALIDATED				



MX150 RECEPTACLE 2X2 SEALED ASSEMBLY MAT SEAL
BOM AND PIN OUT SHEET

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS												STATUS	COMMENTS	OPTIONAL ATTACHMENTS SOLD SEPERATELY	
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.						CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION														BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS
		HOUSING KEY/COLOR	GROMMET CAP	PLR	CPA	MAT SEAL	RING SEAL	1	2	3	4												
KEY A, BLACK, W/O CPA	33472-4052	A-BLK	GCP	PLR		M	R		2		4								NOT VALIDATED				
KEY A, YELLOW, W/CPA	33472-4053	A-YW	GCO	PLR	CPA	M	R												NOT VALIDATED				
KEY A, BLACK, W/O CPA	33472-4054	A-BLK	GCP	PLR		M	R	1		3									NOT VALIDATED				
KEY B, LIGHT GRAY, W/CPA	33472-4055	B-LG	GCP	PLR	CPA	M	R	1											NOT VALIDATED				
KEY A, BLACK, W/O CPA	33472-4056	A-BLK	GCP	PLR		M	R	1											NOT VALIDATED				

MX150 RECEPTACLE 2X3 SEALED ASSEMBLY MAT SEAL



FOR ADDITIONAL INFORMATION SEE SD-33472-0001

ABBREVIATION	DESCRIPTION	COLOR	MATERIAL
A-BLK	HOUSING, KEYING OPTION A	BLACK	SPS/NYLON GF20
B-LG	HOUSING, KEYING OPTION B	LIGHT GRAY	SPS/NYLON GF20
C-BR	HOUSING, KEYING OPTION C	BROWN	SPS/NYLON GF20
D-GR	HOUSING, KEYING OPTION D	GREEN	SPS/NYLON GF20
C-DG	HOUSING, KEYING OPTION C	DARK GRAY	SPS/NYLON GF20
D-SG	HOUSING, KEYING OPTION D	STONE GRAY	SPS/NYLON GF20
A-YW	HOUSING, KEYING OPTION A	YELLOW	SPS/NYLON GF20
A-BLK-CLIP	HOUSING, KEYING OPTION A WITH CLIPSLOT	BLACK	SPS/NYLON GF20
B-LG-CLIP	HOUSING, KEYING OPTION B WITH CLIPSLOT	LIGHT GRAY	SPS/NYLON GF20
C-BR-CLIP	HOUSING, KEYING OPTION C WITH CLIPSLOT	BROWN	SPS/NYLON GF20
D-GR-CLIP	HOUSING, KEYING OPTION D WITH CLIPSLOT	GREEN	SPS/NYLON GF20
C-DG-CLIP	HOUSING, KEYING OPTION C WITH CLIPSLOT	DARK GRAY	SPS/NYLON GF20
D-SG-CLIP	HOUSING, KEYING OPTION D WITH CLIPSLOT	STONE GRAY	SPS/NYLON GF20
A-SG-CLIP	HOUSING, KEYING OPTION A WITH CLIPSLOT	YELLOW	SPS/NYLON GF20
GC	GROMMET CAP	BLACK	SPS/NYLON GF20
PLR	PLR	NATURAL	SPS/NYLON GF20
CPA	CPA	RED	PBT GF30
M	MAT SEAL	LIGHT BLUE	INHERENTLY LUBRICATED SILICONE
R	RING SEAL	RUST RED	INHERENTLY LUBRICATED SILICONE

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS						STATUS	COMMENTS	OPTIONAL ATTATCHMENTS SOLD SEPERATELY	
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.						CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION								BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS
		HOUSING KEY/COLOR	GROMMET CAP	PLR	CPA	MAT SEAL	RING SEAL	1	2	3	4	5	6				
KEY A, BLACK, W/O CPA	33472-0601	A-BLK	GC	PLR		M	R							SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/O CPA	33472-0602	B-LG	GC	PLR		M	R									34951-0610	34951-0620
KEY C, BROWN, W/O CPA	33472-0603	C-BR	GC	PLR		M	R							NOT RECOMMENDED	SEE P/N 33472-0669	34951-0610	34951-0620
KEY D, GREEN, W/O CPA	33472-0604	D-GR	GC	PLR		M	R							NOT RECOMMENDED	SEE P/N 33472-0668	34951-0610	34951-0620
VOID KEY	33472-0605																
KEY A, BLACK, W/CPA	33472-0606	A-BLK	GC	PLR	CPA	M	R							SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/CPA	33472-0607	B-LG	GC	PLR	CPA	M	R									34951-0610	34951-0620
KEY C, BROWN, W/CPA	33472-0608	C-BR	GC	PLR	CPA	M	R							NOT RECOMMENDED	SEE P/N 33472-0670	34951-0610	34951-0620
KEY D, GREEN, W/CPA	33472-0609	D-GR	GC	PLR	CPA	M	R							NOT RECOMMENDED	SEE P/N 33472-0671	34951-0610	34951-0620
VOID KEY	33472-0610																
KEY A, BLACK, W/O CPA	33472-0611	A-BLK	GC	PLR		M	R			3				SALEABLE	SAME AS P/N 33472-0658	34951-0610	34951-0620
KEY B, LIGHT GRAY, W/O CPA	33472-0612	B-LG	GC	PLR		M	R			3						34951-0610	34951-0620
KEY C, BROWN, W/O CPA	33472-0613	C-BR	GC	PLR		M	R			3				NOT RECOMMENDED		34951-0610	34951-0620
KEY D, GREEN, W/O CPA	33472-0614	D-GR	GC	PLR		M	R			3				NOT RECOMMENDED		34951-0610	34951-0620
VOID KEY	33472-0615																
KEY A, BLACK, W/CPA	33472-0616	A-BLK	GC	PLR	CPA	M	R			3				SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/CPA	33472-0617	B-LG	GC	PLR	CPA	M	R			3						34951-0610	34951-0620
KEY C, BROWN, W/CPA	33472-0618	C-BR	GC	PLR	CPA	M	R			3				NOT RECOMMENDED		34951-0610	34951-0620
KEY D, GREEN, W/CPA	33472-0619	D-GR	GC	PLR	CPA	M	R			3				NOT RECOMMENDED		34951-0610	34951-0620
VOID KEY	33472-0620																
KEY A, BLACK, W/O CPA	33472-0621	A-BLK	GC	PLR		M	R			3	4			SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/O CPA	33472-0622	B-LG	GC	PLR		M	R			3	4					34951-0610	34951-0620
KEY C, BROWN, W/O CPA	33472-0623	C-BR	GC	PLR		M	R			3	4			NOT RECOMMENDED		34951-0610	34951-0620
KEY D, GREEN, W/O CPA	33472-0624	D-GR	GC	PLR		M	R			3	4			NOT RECOMMENDED		34951-0610	34951-0620
VOID KEY	33472-0625																
KEY A, BLACK, W/CPA	33472-0626	A-BLK	GC	PLR	CPA	M	R			3	4			SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/CPA	33472-0627	B-LG	GC	PLR	CPA	M	R			3	4					34951-0610	34951-0620
KEY C, BROWN, W/CPA	33472-0628	C-BR	GC	PLR	CPA	M	R			3	4			NOT RECOMMENDED		34951-0610	34951-0620
KEY D, GREEN, W/CPA	33472-0629	D-GR	GC	PLR	CPA	M	R			3	4			NOT RECOMMENDED		34951-0610	34951-0620
VOID KEY	33472-0630																
KEY A, BLACK, W/O CPA, W/O MAT SEAL	33472-0631	A-BLK	GC	PLR			R								NOT VALIDATED	34951-0610	34951-0620
KEY B, LIGHT GRAY, W/O CPA, W/O MAT SEAL	33472-0632	B-LG	GC	PLR			R								NOT VALIDATED	34951-0610	34951-0620
KEY C, BROWN, W/O CPA, W/O MAT SEAL	33472-0633	C-BR	GC	PLR			R							NOT RECOMMENDED	NOT VALIDATED	34951-0610	34951-0620
KEY D, GREEN, W/O CPA, W/O MAT SEAL	33472-0634	D-GR	GC	PLR			R							NOT RECOMMENDED	NOT VALIDATED	34951-0610	34951-0620
VOID KEY	33472-0635																
KEY A, BLACK, W/O CPA	33472-0636	A-BLK	GC	PLR		M	R	1	2	3	4	5	6	SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/O CPA	33472-0637	B-LG	GC	PLR		M	R	1	2	3	4	5	6			34951-0610	34951-0620
KEY C, BROWN, W/O CPA	33472-0638	C-BR	GC	PLR		M	R	1	2	3	4	5	6	NOT RECOMMENDED		34951-0610	34951-0620
KEY D, GREEN, W/O CPA	33472-0639	D-GR	GC	PLR		M	R	1	2	3	4	5	6	NOT RECOMMENDED		34951-0610	34951-0620
VOID KEY	33472-0640																
KEY A, BLACK, W/O CPA	33472-0641	A-BLK	GC	PLR		M	R		2	3	4	5		SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/O CPA	33472-0642	A-BLK	GC	PLR		M	R				4			SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/CPA	33472-0643	A-BLK	GC	PLR	CPA	M	R	1		3	4			SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/CPA	33472-0644	B-LG	GC	PLR	CPA	M	R	1		3	4					34951-0610	34951-0620
KEY C, BROWN, W/CPA	33472-0645	C-BR	GC	PLR	CPA	M	R	1		3	4			NOT RECOMMENDED		34951-0610	34951-0620
KEY D, GREEN, W/CPA	33472-0646	D-GR	GC	PLR	CPA	M	R	1		3	4			NOT RECOMMENDED		34951-0610	34951-0620
VOID KEY	33472-0647																
KEY A, BLACK, W/O CPA	33472-0648	A-BLK	GC	PLR		M	R	1		3	4		6	SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/O CPA	33472-0649	B-LG	GC	PLR		M	R	1		3	4		6			34951-0610	34951-0620
KEY C, BROWN, W/O CPA	33472-0650	C-BR	GC	PLR		M	R	1		3	4		6	NOT RECOMMENDED		34951-0610	34951-0620
KEY D, GREEN, W/O CPA	33472-0651	D-GR	GC	PLR		M	R	1		3	4		6	NOT RECOMMENDED		34951-0610	34951-0620
VOID KEY	33472-0652																
KEY A, BLACK, W/CPA	33472-0653	A-BLK	GC	PLR	CPA	M	R	1		3	4		6	SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/CPA	33472-0654	B-LG	GC	PLR	CPA	M	R	1		3	4		6			34951-0610	34951-0620
KEY C, BROWN, W/CPA	33472-0655	C-BR	GC	PLR	CPA	M	R	1		3	4		6	NOT RECOMMENDED		34951-0610	34951-0620
KEY D, GREEN, W/CPA	33472-0656	D-GR	GC	PLR	CPA	M	R	1		3	4		6	NOT RECOMMENDED		34951-0610	34951-0620



MX150 RECEPTACLE 2X3 SEALED ASSEMBLY MAT SEAL
BOM AND PIN OUT SHEET

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS						STATUS	COMMENTS	OPTIONAL ATTACHMENTS SOLD SEPERATELY	
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.						CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION								BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS
		HOUSING KEY/COLOR	GROMMET CAP	PLR	CPA	MAT SEAL	RING SEAL	1	2	3	4	5	6				
VOID KEY	33472-0657																
KEY A, BLACK, W/O CPA	33472-0658	A-BLK	GC	PLR		M	R			3				SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/O CPA	33472-0659	A-BLK	GC	PLR		M	R			3			5	6	SALEABLE		34951-0610 34951-0620
KEY A, BLACK, W/CPA	33472-0660	A-BLK	GC	PLR	CPA	M	R	1	2	3	4	5	6	SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/O CPA	33472-0661	A-BLK	GC	PLR		M	R		2					SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/O CPA	33472-0662	A-BLK	GC	PLR		M	R		2			5		SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/O CPA	33472-0663	A-BLK	GC	PLR		M	R					5	6	SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/O CPA	33472-0664	A-BLK	GC	PLR		M	R				4	5	6	SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/O CPA	33472-0665	A-BLK	GC	PLR		M	R	1						SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/O CPA	33472-0666	A-BLK	GC	PLR		M	R		2			5	6	SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/O CPA	33472-0667	A-BLK	GC	PLR		M	R	1		3		5	6	SALEABLE		34951-0610	34951-0620
KEY C, DARK GRAY, W/O CPA	33472-0668	C-DG	GC	PLR		M	R							SALEABLE		34951-0610	34951-0620
KEY D, STONE GRAY, W/O CPA	33472-0669	D-SG	GC	PLR		M	R							SALEABLE		34951-0610	34951-0620
KEY C, DARK GRAY, W/CPA	33472-0670	C-DG	GC	PLR	CPA	M	R							SALEABLE		34951-0610	34951-0620
KEY D, STONE GRAY, W/CPA	33472-0671	D-SG	GC	PLR	CPA	M	R							SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/O CPA	33472-0672	B-LG	GC	PLR		M	R					5				34951-0610	34951-0620
KEY A, BLACK, W/O CPA	33472-0673	A-BLK	GC	PLR		M	R						6	SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/CPA	33472-0674	A-BLK	GC	PLR	CPA	M	R					5	6	SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/CPA	33472-0675	A-BLK	GC	PLR	CPA	M	R						6	SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/CPA	33472-0676	B-LG	GC	PLR	CPA	M	R					5		SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/O CPA	33472-0677	B-LG	GC	PLR		M	R	1				5		SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/O CPA	33472-0678	B-LG	GC	PLR		M	R					5	6	SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/CPA	33472-0679	A-BLK	GC	PLR	CPA	M	R	1	2	3				SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/O CPA	33472-0680	A-BLK	GC	PLR		M	R	3	2	3				SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/CPA	33472-0681	A-BLK	GC	PLR	CPA	M	R		2					SALEABLE		34951-0610	34951-0620
KEY A, YELLOW, W/CPA	33472-0682	A-YW	GC	PLR	CPA	M	R							SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/O CPA	33472-0683	A-BLK	GC	PLR		M	R			3	4	5	6	SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/CPA	33472-0684	A-BLK	GC	PLR	CPA	M	R		2	3				SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/CPA	33472-0685	B-LG	GC	PLR	CPA	M	R	1	2	3	4	5	6	SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/CPA	33472-0686	B-LG	GC	PLR	CPA	M	R		2	3				SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/O CPA	33472-0687	A-BLK	GC	PLR		M	R	1		3	4			SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/CPA	33472-0688	A-BLK	GC	PLR	CPA	M	R				4	5	6	SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/CPA	33472-0689	A-BLK	GC	PLR	CPA	M	R				4			SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY, W/CPA	33472-0690	B-LG	GC	PLR	CPA	M	R				4			SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/CPA	33472-0691	A-BLK	GC	PLR	CPA	M	R	1		3		5		SALEABLE		34951-0610	34951-0620
KEY A, BLACK, W/CPA	33472-0692	A-BLK	GC	PLR	CPA	M	R		2		4		6	SALEABLE		34951-0610	34951-0620
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0701	A-BLK-CLIP	GC	PLR		M	R							SALEABLE			
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	33472-0702	B-LG-CLIP	GC	PLR		M	R							TOOLED BUT NOT VALIDATED			
KEY C, BROWN, WITH CLIPSLOT, W/O CPA	33472-0703	C-BR-CLIP	GC	PLR		M	R							NOT RECOMMENDED--SEE P/N 33472-0714			
KEY D, GREEN, WITH CLIPSLOT, W/O CPA	33472-0704	D-GR-CLIP	GC	PLR		M	R							NOT RECOMMENDED--SEE P/N 33472-0715			
KEY A, BLACK, WITH CLIPSLOT, W/CPA	33472-0705	A-BLK-CLIP	GC	PLR	CPA	M	R							SALEABLE			
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/CPA	33472-0706	B-LG-CLIP	GC	PLR	CPA	M	R							TOOLED BUT NOT VALIDATED			
KEY C, BROWN, WITH CLIPSLOT, W/CPA	33472-0707	C-BR-CLIP	GC	PLR	CPA	M	R							NOT RECOMMENDED--SEE P/N 33472-0716			
KEY D, GREEN, WITH CLIPSLOT, W/CPA	33472-0708	D-GR-CLIP	GC	PLR	CPA	M	R							NOT RECOMMENDED--SEE P/N 33472-0717			
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0709	A-BLK-CLIP	GC	PLR		M	R			3				SALEABLE			
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0710	A-BLK-CLIP	GC	PLR		M	R		2	3	4	5		SALEABLE			
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0711	A-BLK-CLIP	GC	PLR		M	R					5	6	SALEABLE			
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0712	A-BLK-CLIP	GC	PLR		M	R			3	4			SALEABLE			
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	33472-0713	B-LG-CLIP	GC	PLR		M	R	1				5		TOOLED BUT NOT VALIDATED			
KEY C, DARK GRAY, WITH CLIPSLOT, W/O CPA	33472-0714	C-DG-CLIP	GC	PLR		M	R							SALEABLE			
KEY D, STONE GRAY, WITH CLIPSLOT, W/O CPA	33472-0715	D-SG-CLIP	GC	PLR		M	R							SALEABLE			
KEY C, DARK GRAY, WITH CLIPSLOT, W/CPA	33472-0716	C-DG-CLIP	GC	PLR	CPA	M	R							SALEABLE			
KEY D, STONE GRAY, WITH CLIPSLOT, W/CPA	33472-0717	D-SG-CLIP	GC	PLR	CPA	M	R							SALEABLE			
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0718	A-BLK-CLIP	GC	PLR		M	R			3			6	SALEABLE			
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/CPA	33472-0719	B-LG-CLIP	GC	PLR	CPA	M	R	1				5		TOOLED BUT NOT VALIDATED			
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	33472-0720	B-LG-CLIP	GC	PLR		M	R					5		TOOLED BUT NOT VALIDATED			
KEY C, DARK GRAY, WITH CLIPSLOT, W/O CPA	33472-0721	C-DG-CLIP	GC	PLR		M	R			3				SALEABLE			
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0722	A-BLK-CLIP	GC	PLR		M	R				4	5	6	SALEABLE			
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0723	A-BLK-CLIP	GC	PLR		M	R		2	3		5	6	SALEABLE			
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0724	A-BLK-CLIP	GC	PLR		M	R		2				6	SALEABLE			
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0725	A-BLK-CLIP	GC	PLR		M	R			3		5	6	SALEABLE			
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0726	A-BLK-CLIP	GC	PLR		M	R						6	SALEABLE			
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0727	A-BLK-CLIP	GC	PLR		M	R		2	3	4	5	6	SALEABLE			
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0728	A-BLK-CLIP	GC	PLR		M	R	1					6	SALEABLE			
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0729	A-BLK-CLIP	GC	PLR		M	R	1	2	3	4	5	6	SALEABLE			
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0730	A-BLK-CLIP	GC	PLR		M	R				4			SALEABLE			
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-0731	A-BLK-CLIP	GC	PLR		M	R				4		6	SALEABLE			
KEY B, LIGHT GRAY, WITH CLIPSLOT, W/O CPA	33472-0732	B-LG-CLIP	GC	PLR		M	R				4	5	6	TOOLED BUT NOT VALIDATED			
KEY A, BLACK, W/CPA	33472-0733	KEY A	GC	PLR	CPA	M	R		2			5		SALEABLE		34951-0610	34951-0620

MX150 RECEPTACLE 2X6 SEALED ASSEMBLY MAT SEAL
BOM AND PIN OUT SHEET

CPA
OPTIONAL
SEE BOM

GROMMET CAP

RING SEAL

MAT SEAL

CONNECTOR HOUSING
FOR OPTIONS SEE BOM

PRIMARY LOCK REINFORCEMENT

TERMINAL POSITION 1

TERMINAL POSITION 6

TERMINAL POSITION 7

TERMINAL POSITION 12

ABBREVIATION	DESCRIPTION	COLOR	MATERIAL
A-BLK	HOUSING, KEYING OPTION A	BLACK	SPS/NYLON GF20
B-LG	HOUSING, KEYING OPTION B	LIGHT GRAY	SPS/NYLON GF20
C-BR	HOUSING, KEYING OPTION C	BROWN	SPS/NYLON GF20
D-GR	HOUSING, KEYING OPTION D	GREEN	SPS/NYLON GF20
C-DG	HOUSING, KEYING OPTION C	DARK GRAY	SPS/NYLON GF20
D-SG	HOUSING, KEYING OPTION C	STONE GRAY	SPS/NYLON GF20
A-YW	HOUSING, KEYING OPTION A	YELLOW	SPS/NYLON GF20
A-BLK-CLIP	HOUSING, KEYING OPTION A WITH CLIPSLOT	BLACK	SPS/NYLON GF20
B-LG-CLIP	HOUSING, KEYING OPTION B WITH CLIPSLOT	LIGHT GRAY	SPS/NYLON GF20
C-BR-CLIP	HOUSING, KEYING OPTION C WITH CLIPSLOT	BROWN	SPS/NYLON GF20
D-GR-CLIP	HOUSING, KEYING OPTION D WITH CLIPSLOT	GREEN	SPS/NYLON GF20
C-DG-CLIP	HOUSING, KEYING OPTION C WITH CLIPSLOT	DARK GRAY	SPS/NYLON GF20
D-SG-CLIP	HOUSING, KEYING OPTION C WITH CLIPSLOT	STONE GRAY	SPS/NYLON GF20
GC	GROMMET CAP	BLACK	SPS/NYLON GF20
PLR	PLR	NATURAL	SPS/NYLON GF20
CPA	CPA	RED	PBT GF30
M	MAT SEAL	LIGHT BLUE	INHERENTLY LUBRICATED SILICONE
R	RING SEAL	GREEN	INHERENTLY LUBRICATED SILICONE

FOR ADDITIONAL INFORMATION SEE SD-33472-0001

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT							BLOCKED TERMINALS												STATUS	COMMENTS	OPTIONAL ATTACHMENTS SOLD SEPERATELY	
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.							CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION														BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS
		HOUSING KEY/COLOR	GROMMET CAP	PLR	CPA	MAT SEAL	RING SEAL	1	2	3	4	5	6	7	8	9	10	11	12					
KEY A, BLACK, W/O CPA	33472-1201	A-BLK	GC	PLR		M	R														SALEABLE		34951-1210	34951-1220
KEY B, LIGHT GRAY, W/O CPA	33472-1202	B-LG	GC	PLR		M	R														SALEABLE		34951-1210	34951-1220
KEY C, BROWN, W/O CPA	33472-1203	C-BR	GC	PLR		M	R														NOT RECOMMENDED	SEE P/N 33472-1253	34951-1210	34951-1220
KEY D, GREEN, W/O CPA	33472-1204	D-GR	GC	PLR		M	R														NOT RECOMMENDED	SEE P/N 33472-1254	34951-1210	34951-1220
VOID KEY	33472-1205																							
KEY A, BLACK, W/CPA	33472-1206	A-BLK	GC	PLR	CPA	M	R														SALEABLE		34951-1210	34951-1220
KEY B, LIGHT GRAY, W/CPA	33472-1207	B-LG	GC	PLR	CPA	M	R														SALEABLE		34951-1210	34951-1220
KEY C, BROWN, W/CPA	33472-1208	C-BR	GC	PLR	CPA	M	R														NOT RECOMMENDED	SEE P/N 33472-1259	34951-1210	34951-1220
KEY D, GREEN, W/CPA	33472-1209	D-GR	GC	PLR	CPA	M	R														NOT RECOMMENDED	SEE P/N 33472-1260	34951-1210	34951-1220
VOID KEY	33472-1210																							
KEY A, BLACK, W/O CPA	33472-1211	A-BLK	GC	PLR		M	R							6							SALEABLE		34951-1210	34951-1220
KEY B, LIGHT GRAY, W/O CPA	33472-1212	B-LG	GC	PLR		M	R							6							SALEABLE		34951-1210	34951-1220
KEY C, BROWN, W/O CPA	33472-1213	C-BR	GC	PLR		M	R							6							NOT RECOMMENDED		34951-1210	34951-1220
KEY D, GREEN, W/O CPA	33472-1214	D-GR	GC	PLR		M	R							6							NOT RECOMMENDED		34951-1210	34951-1220
VOID KEY	33472-1215																							
KEY A, BLACK, W/CPA	33472-1216	A-BLK	GC	PLR	CPA	M	R							6							SALEABLE		34951-1210	34951-1220
KEY B, LIGHT GRAY, W/CPA	33472-1217	B-LG	GC	PLR	CPA	M	R							6							SALEABLE		34951-1210	34951-1220
KEY C, BROWN, W/CPA	33472-1218	C-BR	GC	PLR	CPA	M	R							6							NOT RECOMMENDED		34951-1210	34951-1220
KEY D, GREEN, W/CPA	33472-1219	D-GR	GC	PLR	CPA	M	R							6							NOT RECOMMENDED		34951-1210	34951-1220
VOID KEY	33472-1220																							
KEY A, BLACK, W/O CPA	33472-1221	A-BLK	GC	PLR		M	R							6	7						SALEABLE		34951-1210	34951-1220
KEY B, LIGHT GRAY, W/O CPA	33472-1222	B-LG	GC	PLR		M	R							6	7						SALEABLE		34951-1210	34951-1220
KEY C, BROWN, W/O CPA	33472-1223	C-BR	GC	PLR		M	R							6	7						NOT RECOMMENDED		34951-1210	34951-1220
KEY D, GREEN, W/O CPA	33472-1224	D-GR	GC	PLR		M	R							6	7						NOT RECOMMENDED		34951-1210	34951-1220
VOID KEY	33472-1225																							
KEY A, BLACK, W/CPA	33472-1226	A-BLK	GC	PLR	CPA	M	R							6	7						SALEABLE		34951-1210	34951-1220
KEY B, LIGHT GRAY, W/CPA	33472-1227	B-LG	GC	PLR	CPA	M	R							6	7						SALEABLE		34951-1210	34951-1220
KEY C, BROWN, W/CPA	33472-1228	C-BR	GC	PLR	CPA	M	R							6	7						NOT RECOMMENDED		34951-1210	34951-1220
KEY D, GREEN, W/CPA	33472-1229	D-GR	GC	PLR	CPA	M	R							6	7						NOT RECOMMENDED		34951-1210	34951-1220
VOID KEY	33472-1230																							
KEY A, BLACK, W/O CPA	33472-1231	A-BLK	GC	PLR		M	R	1						6	7						SALEABLE		34951-1210	34951-1220
KEY B, LIGHT GRAY, W/O CPA	33472-1232	B-LG	GC	PLR		M	R	1						6	7						SALEABLE		34951-1210	34951-1220
KEY C, BROWN, W/O CPA	33472-1233	C-BR	GC	PLR		M	R	1						6	7						NOT RECOMMENDED		34951-1210	34951-1220
KEY D, GREEN, W/O CPA	33472-1234	D-GR	GC	PLR		M	R	1						6	7						NOT RECOMMENDED		34951-1210	34951-1220
VOID KEY	33472-1235																							
KEY A, BLACK, W/CPA	33472-1236	A-BLK	GC	PLR	CPA	M	R	1						6	7						SALEABLE		34951-1210	34951-1220
KEY B, LIGHT GRAY, W/CPA	33472-1237	B-LG	GC	PLR	CPA	M	R	1						6	7						SALEABLE		34951-1210	34951-1220
KEY C, BROWN, W/CPA	33472-1238	C-BR	GC	PLR	CPA	M	R	1						6	7						NOT RECOMMENDED		34951-1210	34951-1220
KEY D, GREEN, W/CPA	33472-1239	D-GR	GC	PLR	CPA	M	R	1						6	7						NOT RECOMMENDED		34951-1210	34951-1220
VOID KEY	33472-1240																							
KEY A, BLACK, W/O CPA	33472-1241	A-BLK	GC	PLR		M	R	1						6	7					12	SALEABLE		34951-1210	34951-1220
KEY B, LIGHT GRAY, W/O CPA	33472-1242	B-LG	GC	PLR		M	R	1						6	7					12	SALEABLE		34951-1210	34951-1220
KEY C, BROWN, W/O CPA	33472-1243	C-BR	GC	PLR		M	R	1						6	7					12	NOT RECOMMENDED		34951-1210	34951-1220
KEY D, GREEN, W/O CPA	33472-1244	D-GR	GC	PLR		M	R	1						6	7					12	NOT RECOMMENDED		34951-1210	34951-1220
VOID KEY	33472-1245																							
KEY A, BLACK, W/CPA	33472-1246	A-BLK	GC	PLR	CPA	M	R	1						6	7					12	SALEABLE		34951-1210	34951-1220
KEY B, LIGHT GRAY, W/CPA	33472-1247	B-LG	GC	PLR	CPA	M	R	1						6	7					12	SALEABLE		34951-1210	34951-1220
KEY C, BROWN, W/CPA	33472-1248	C-BR	GC	PLR	CPA	M	R	1						6	7					12	NOT RECOMMENDED		34951-1210	34951-1220
KEY D, GREEN, W/CPA	33472-1249	D-GR	GC	PLR	CPA	M	R	1						6	7					12	NOT RECOMMENDED		34951-1210	34951-1220
VOID KEY	33472-1250																							
KEY A, BLACK, W/O CPA	33472-1251	A-BLK	GC	PLR		M	R							6						12	SALEABLE		34951-1210	34951-1220
KEY A, BLACK, W/CPA	33472-1252	A-BLK	GC	PLR	CPA	M	R										9	10			SALEABLE		34951-1210	34951-1220
KEY C, DARK GRAY, W/O CPA	33472-1253	C-DG	GC	PLR		M	R														SALEABLE		34951-1210	34951-1220
KEY D, STONE GRAY, W/O CPA	33472-1254	D-SG	GC	PLR		M	R														SALEABLE		34951-1210	34951-1220
KEY A, BLACK, W/CPA	33472-1255	A-BLK	GC	PLR	CPA	M	R												11		SALEABLE		34951-1210	34951-1220

MX150 RECEPTACLE 2X6 SEALED ASSEMBLY MAT SEAL

BOM AND PIN OUT SHEET

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT							BLOCKED TERMINALS												STATUS	COMMENTS	OPTIONAL ATTACHMENTS SOLD SEPERATELY	
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.							CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION														BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS
		HOUSING KEY/COLOR	GROMMET CAP	PLR	CPA	MAT SEAL	RING SEAL	1	2	3	4	5	6	7	8	9	10	11	12					
KEY A, BLACK, W/CPA	33472-1256	A-BLK	GC	PLR	CPA	M	R								9	10	11	12	SALEABLE		34951-1210	34951-1220		
KEY A, BLACK, W/O CPA	33472-1257	A-BLK	GC	PLR		M	R							8		10		12	SALEABLE		34951-1210	34951-1220		
KEY A, BLACK, W/O CPA	33472-1258	A-BLK	GC	PLR		M	R	1	2	3	4	5	6	7	8	9	10	11	12	SALEABLE		34951-1210	34951-1220	
KEY C, DARK GRAY, W/CPA	33472-1259	C-DG	GC	PLR	CPA	M	R												SALEABLE		34951-1210	34951-1220		
KEY D, STONE GRAY, W/CPA	33472-1260	D-SG	GC	PLR	CPA	M	R												SALEABLE		34951-1210	34951-1220		
KEY A, BLACK, W/O CPA	33472-1261	A-BLK	GC	PLR		M	R								9	10		12	SALEABLE		34951-1210	34951-1220		
KEY A, BLACK, W/CPA	33472-1262	A-BLK	GC	PLR	CPA	M	R							8	9	10	11	12	SALEABLE		34951-1210	34951-1220		
KEY B, LIGHT GRAY, W/CPA	33472-1263	B-LG	GC	PLR	CPA	M	R											12	SALEABLE		34951-1210	34951-1220		
KEY C, DARK GRAY, W/CPA	33472-1264	C-DG	GC	PLR	CPA	M	R										11	12	SALEABLE		34951-1210	34951-1220		
KEY D, STONE GRAY, W/CPA	33472-1265	D-SG	GC	PLR	CPA	M	R											12	SALEABLE		34951-1210	34951-1220		
KEY A, BLACK, W/CPA	33472-1266	A-BLK	GC	PLR	CPA	M	R										11	12	SALEABLE		34951-1210	34951-1220		
KEY D, STONE GRAY, W/CPA	33472-1267	D-SG	GC	PLR	CPA	M	R	1					6	7					SALEABLE		34951-1210	34951-1220		
KEY A, BLACK, W/CPA	33472-1268	A-BLK	GC	PLR	CPA	M	R	1						7					SALEABLE		34951-1210	34951-1220		
KEY A, BLACK, W/CPA	33472-1269	A-BLK	GC	PLR	CPA	M	R	1	2		4		6	7	8		10	11	12	SALEABLE		34951-1210	34951-1220	
KEY A, BLACK, W/CPA	33472-1270	A-BLK	GC	PLR	CPA	M	R							7		9		11	12	SALEABLE		34951-1210	34951-1220	
KEY A, BLACK, W/CPA	33472-1271	A-BLK	GC	PLR	CPA	M	R				4		6				10	11	12	SALEABLE		34951-1210	34951-1220	
KEY A, BLACK, W/CPA	33472-1272	A-BLK	GC	PLR	CPA	M	R						6			9	10	11	12	SALEABLE		34951-1210	34951-1220	
KEY A, BLACK, W/O CPA	33472-1273	A-BLK	GC	PLR		M	R						6			9	10	11	12	SALEABLE		34951-1210	34951-1220	
KEY A, BLACK, W/CPA	33472-1274	A-BLK	GC	PLR	CPA	M	R						6					11	12	SALEABLE		34951-1210	34951-1220	
KEY A, BLACK, W/O CPA	33472-1275	A-BLK	GC	PLR		M	R	1	2	3	4	5	6		8					SALEABLE		34951-1210	34951-1220	
KEY A, BLACK, W/O CPA	33472-1276	A-BLK	GC	PLR		M	R	1					6							SALEABLE		34951-1210	34951-1220	
KEY A, BLACK, W/O CPA	33472-1277	A-BLK	GC	PLR		M	R	1						7					12	SALEABLE		34951-1210	34951-1220	
KEY B, LIGHT GRAY, W/CPA	33472-1278	B-LG	GC	PLR	CPA	M	R									10								

MX150 RECEPTACLE 2X6 SEALED ASSEMBLY MAT SEAL

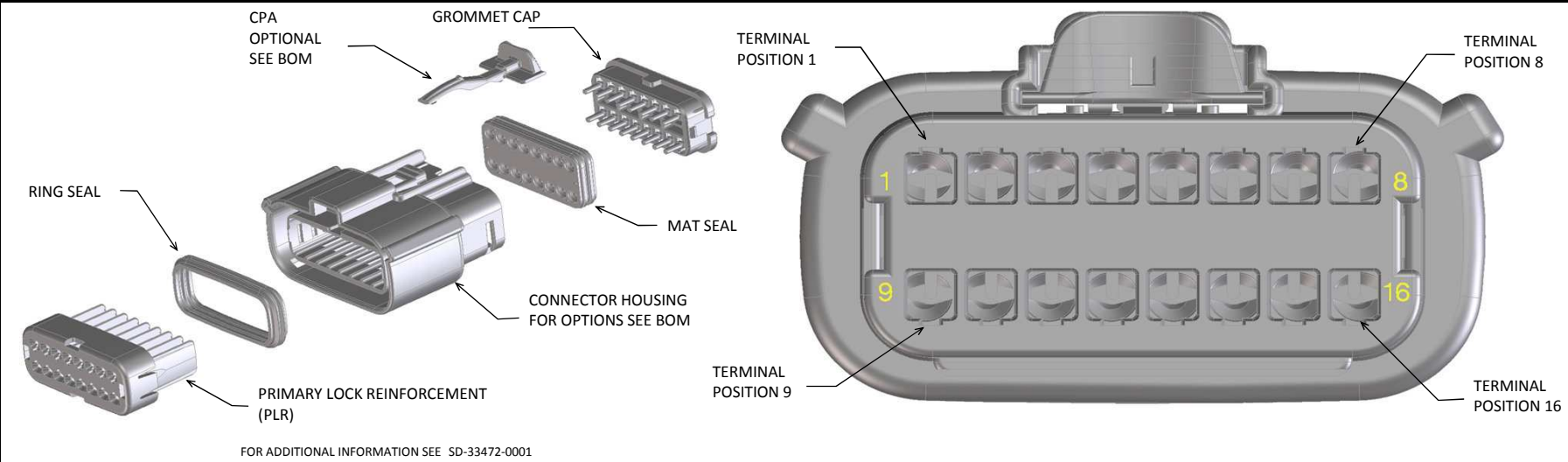
BOM AND PIN OUT SHEET

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MX150 RECEPTACLE 2X6 SEALED ASSEMBLY MAT SEAL BOM AND PIN OUT SHEET

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS												STATUS	COMMENTS	OPTIONAL ATTACHMENTS SOLD SEPERATELY		
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.						CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION														BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS	
		HOUSING KEY/COLOR	GROMMET CAP	PLR	CPA	MAT SEAL	RING SEAL	1	2	3	4	5	6	7	8	9	10	11	12					
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1423	A-BLK-CLIP	GC	PLR		M	R	1	2	3	4	5	6	7	8	9				SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1424	A-BLK-CLIP	GC	PLR		M	R	1	2	3			6	7	8		10	11	12	SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1425	A-BLK-CLIP	GC	PLR		M	R				4						10			SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1426	A-BLK-CLIP	GC	PLR		M	R	1							8		10	11		SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1427	A-BLK-CLIP	GC	PLR		M	R	1	2			5	6							NOT RECOMMENDED	SEE P/N 33472-1433			
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1428	A-BLK-CLIP	GC	PLR		M	R			3	4									NOT RECOMMENDED	SEE P/N 33472-1434			
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1429	A-BLK-CLIP	GC	PLR		M	R	1	2	3	4									NOT RECOMMENDED	SEE P/N 33472-1435			
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1430	A-BLK-CLIP	GC	PLR		M	R	1	2	3	4	5	6							NOT RECOMMENDED	SEE P/N 33472-1436			
KEY A, BLACK, WITH CLIPSLOT, W/CPA	33472-1431	A-BLK-CLIP	GC	PLR	CPA	M	R							7	8					SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1432	A-BLK-CLIP	GC	PLR		M	R			3	4	5	6			9	10	11		SALEABLE				
KEY C, DARK GRAY, WITH CLIPSLOT, W/O CPA	33472-1433	C-DG-CLIP	GC	PLR		M	R	1	2			5	6							SALEABLE				
KEY C, DARK GRAY, WITH CLIPSLOT, W/O CPA	33472-1434	C-DG-CLIP	GC	PLR		M	R			3	4									SALEABLE				
KEY C, DARK GRAY, WITH CLIPSLOT, W/O CPA	33472-1435	C-DG-CLIP	GC	PLR		M	R	1	2	3	4									SALEABLE				
KEY C, DARK GRAY, WITH CLIPSLOT, W/O CPA	33472-1436	C-DG-CLIP	GC	PLR		M	R	1	2	3	4	5	6							SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1437	A-BLK-CLIP	GC	PLR		M	R								8	9	10		12	SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1438	A-BLK-CLIP	GC	PLR		M	R	1	2		4				7	8		10		12	SALEABLE			
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1439	A-BLK-CLIP	GC	PLR		M	R		2	3		5						11		SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1440	A-BLK-CLIP	GC	PLR		M	R	1	2	3						9		11		SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1441	A-BLK-CLIP	GC	PLR		M	R	1	2	3		5				9		11		SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1442	A-BLK-CLIP	GC	PLR		M	R	1	2	3	4	5			7	8				SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1443	A-BLK-CLIP	GC	PLR		M	R					5			8					SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1444	A-BLK-CLIP	GC	PLR		M	R		2			5				9				SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1445	A-BLK-CLIP	GC	PLR		M	R		2			5			7		9		12	SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1446	A-BLK-CLIP	GC	PLR		M	R		2							9				SALEABLE				
KEY A, BLACK, WITH CLIPSLOT, W/O CPA	33472-1447	A-BLK-CL																						

MX150 RECEPTACLE 2X8 SEALED ASSEMBLY MAT SEAL
BOM AND PIN OUT SHEET



ABBREVIATION	DESCRIPTION	COLOR	MATERIAL
A-BLK	HOUSING, KEYING OPTION A	BLACK	SPS/NYLON GF20
B-LG	HOUSING, KEYING OPTION B	LIGHT GRAY	SPS/NYLON GF20
C-BR	HOUSING, KEYING OPTION C	BROWN	SPS/NYLON GF20
D-GR	HOUSING, KEYING OPTION D	GREEN	SPS/NYLON GF20
C-DG	HOUSING, KEYING OPTION C	DARK GRAY	SPS/NYLON GF20
D-SG	HOUSING, KEYING OPTION C	STONE GRAY	SPS/NYLON GF20
A-YW	HOUSING, KEYING OPTION A	YELLOW	SPS/NYLON GF20
GC	GROMMET CAP	BLACK	SPS/NYLON GF20
PLR	PLR	NATURAL	SPS/NYLON GF20
CPA	CPA	RED	PBT GF30
M	MAT SEAL	LIGHT BLUE	INHERENTLY LUBRICATED SILICONE
R	RING SEAL	GREEN	INHERENTLY LUBRICATED SILICONE

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS																STATUS	COMMENTS	OPTIONAL ATTACHMENTS SOLD SEPERATELY		
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.						CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION																		BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS	
		HOUSING KEY/COLOR	GROMMET CAP	PLR	CPA	MAT SEAL	RING SEAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16					
KEY A, BLACK, W/O CPA	33472-1601	A-BLK	GC	PLR		M	R																		SALEABLE			
KEY B, LIGHT GRAY, W/O CPA	33472-1602	B-LG	GC	PLR		M	R																		SALEABLE			
KEY C, BROWN, W/O CPA	33472-1603	C-BR	GC	PLR		M	R																		NOT RECOMMENDED	SEE P/N 33472-1767		
KEY D, GREEN, W/O CPA	33472-1604	D-GR	GC	PLR		M	R																		NOT RECOMMENDED	SEE P/N 33472-1768		
VOID KEY	33472-1605																											
KEY A, BLACK, W/CPA	33472-1606	A-BLK	GC	PLR	CPA	M	R																		SALEABLE			
KEY B, LIGHT GRAY, W/CPA	33472-1607	B-LG	GC	PLR	CPA	M	R																		SALEABLE			
KEY C, BROWN, W/CPA	33472-1608	C-BR	GC	PLR	CPA	M	R																		NOT RECOMMENDED	SEE P/N 33472-1769		
KEY D, GREEN, W/CPA	33472-1609	D-GR	GC	PLR	CPA	M	R																		NOT RECOMMENDED	SEE P/N 33472-1770		
VOID KEY	33472-1610																											
KEY A, BLACK, W/O CPA	33472-1611	A-BLK	GC	PLR		M	R								8										SALEABLE			
KEY B, LIGHT GRAY, W/O CPA	33472-1612	B-LG	GC	PLR		M	R								8										SALEABLE			
KEY C, BROWN, W/O CPA	33472-1613	C-BR	GC	PLR		M	R								8										NOT RECOMMENDED			
KEY D, GREEN, W/O CPA	33472-1614	D-GR	GC	PLR		M	R								8										NOT RECOMMENDED			
VOID KEY	33472-1615																											
KEY A, BLACK, W/CPA	33472-1616	A-BLK	GC	PLR	CPA	M	R								8										SALEABLE			
KEY B, LIGHT GRAY, W/CPA	33472-1617	B-LG	GC	PLR	CPA	M	R								8										SALEABLE			
KEY C, BROWN, W/CPA	33472-1618	C-BR	GC	PLR	CPA	M	R								8										NOT RECOMMENDED			
KEY D, GREEN, W/CPA	33472-1619	D-GR	GC	PLR	CPA	M	R								8										NOT RECOMMENDED			
VOID KEY	33472-1620																											
KEY A, BLACK, W/O CPA	33472-1621	A-BLK	GC	PLR		M	R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		SALEABLE			
KEY B, LIGHT GRAY, W/O CPA	33472-1622	B-LG	GC	PLR		M	R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		SALEABLE			
KEY C, BROWN, W/O CPA	33472-1623	C-BR	GC	PLR		M	R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		NOT RECOMMENDED			
KEY D, GREEN, W/O CPA	33472-1624	D-GR	GC	PLR		M	R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		NOT RECOMMENDED			
VOID KEY	33472-1625																											
KEY A, BLACK, W/CPA	33472-1626	A-BLK	GC	PLR	CPA	M	R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		SALEABLE			
KEY B, LIGHT GRAY, W/CPA	33472-1627	B-LG	GC	PLR	CPA	M	R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		SALEABLE			
KEY C, BROWN, W/CPA	33472-1628	C-BR	GC	PLR	CPA	M	R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		NOT RECOMMENDED			
KEY D, GREEN, W/CPA	33472-1629	D-GR	GC	PLR	CPA	M	R	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		NOT RECOMMENDED			
VOID KEY	33472-1630																											
KEY A, BLACK, W/O CPA	33472-1631	A-BLK	GC	PLR		M	R								8	9									SALEABLE			
KEY B, LIGHT GRAY, W/O CPA	33472-1632	B-LG	GC	PLR		M	R								8	9									SALEABLE			
KEY C, BROWN, W/O CPA	33472-1633	C-BR	GC	PLR		M	R								8	9									NOT RECOMMENDED			
KEY D, GREEN, W/O CPA	33472-1634	D-GR	GC	PLR		M	R								8	9									NOT RECOMMENDED			
VOID KEY	33472-1635																											
KEY A, BLACK, W/CPA	33472-1636	A-BLK	GC	PLR	CPA	M	R								8	9									SALEABLE			
KEY B, LIGHT GRAY, W/CPA	33472-1637	B-LG	GC	PLR	CPA	M	R								8	9									SALEABLE			
KEY C, BROWN, W/CPA	33472-1638	C-BR	GC	PLR	CPA	M	R								8	9									NOT RECOMMENDED			
KEY D, GREEN, W/CPA	33472-1639	D-GR	GC	PLR	CPA	M	R								8	9									NOT RECOMMENDED			
VOID KEY	33472-1640																											
KEY A, BLACK, W/O CPA	33472-1641	A-BLK	GC	PLR		M	R	1							8	9									SALEABLE			
KEY B, LIGHT GRAY, W/O CPA	33472-1642	B-LG	GC	PLR		M	R	1							8	9									SALEABLE			
KEY C, BROWN, W/O CPA	33472-1643	C-BR	GC	PLR		M	R	1							8	9									NOT RECOMMENDED			
KEY D, GREEN, W/O CPA	33472-1644	D-GR	GC	PLR		M	R	1							8	9									NOT RECOMMENDED			
VOID KEY	33472-1645																											
KEY A, BLACK, W/CPA	33472-1646	A-BLK	GC	PLR	CPA	M	R	1							8	9									SALEABLE			
KEY B, LIGHT GRAY, W/CPA	33472-1647	B-LG	GC	PLR	CPA	M	R	1							8	9									SALEABLE			
KEY C, BROWN, W/CPA	33472-1648	C-BR	GC	PLR	CPA	M	R	1							8	9									NOT RECOMMENDED			
KEY D, GREEN, W/CPA	33472-1649	D-GR	GC	PLR	CPA	M	R	1							8	9									NOT RECOMMENDED			
VOID KEY	33472-1650																											
KEY A, BLACK, W/O CPA	33472-1651	A-BLK	GC	PLR		M	R															15			SALEABLE			
KEY A, BLACK, W/CPA	33472-1652	A-BLK	GC	PLR	CPA	M	R															15			SALEABLE			
KEY A, BLACK, W/O CPA	33472-1653	A-BLK	GC	PLR		M	R	1							8	9									SALEABLE			
KEY B, LIGHT GRAY, W/O CPA	33472-1654	B-LG	GC	PLR		M	R	1							8	9									SALEABLE			
KEY C, BROWN, W/O CPA	33472-1655	C-BR	GC	PLR		M	R	1							8	9									NOT RECOMMENDED			
KEY D, GREEN, W/O CPA	33472-1656	D-GR	GC	PLR		M	R	1							8	9									NOT RECOMMENDED			
VOID KEY	33472-1657																											
KEY A, BLACK, W/CPA	33472-1658	A-BLK	GC	PLR	CPA	M	R	1							8	9									SALEABLE			
KEY B, LIGHT GRAY, W/CPA	33472-1659	B-LG	GC	PLR	CPA	M	R	1							8	9									SALEABLE			
KEY C, BROWN, W/CPA	33472-1660	C-BR	GC	PLR	CPA	M	R	1							8	9									NOT RECOMMENDED			
KEY D, GREEN, W/CPA	33472-1661	D-GR	GC	PLR	CPA	M	R	1							8	9									NOT RECOMMENDED			
VOID KEY	33472-1662																											



MX150 RECEPTACLE 2X8 SEALED ASSEMBLY MAT SEAL
BOM AND PIN OUT SHEET

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS																STATUS	COMMENTS	OPTIONAL ATTATCHMENTS SOLD SEPERATELY	
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.						CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION																		BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS
		HOUSING KEY/COLOR	GROMMET CAP	PLR	CPA	MAT SEAL	RING SEAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
KEY A, BLACK, W/O CPA	33472-1663	A-BLK	GC	PLR		M	R	1			4		6	7	8	9			12	13	14			SALEABLE			
KEY A, BLACK, W/O CPA	33472-1664	A-BLK	GC	PLR		M	R			3	4	5		7		9	10	11	12	13	14	15	16	SALEABLE			
KEY A, BLACK, W/O CPA	33472-1665	A-BLK	GC	PLR		M	R							7	8	9			12	13	14			SALEABLE			
KEY A, BLACK, W/O CPA	33472-1666	A-BLK	GC	PLR		M	R			3	4	5					10	11	12	13	14	15	16	SALEABLE			
KEY A, BLACK, W/O CPA	33472-1667	A-BLK	GC	PLR		M	R			3	4	5				9	10	11	12	13	14	15	16	SALEABLE			
KEY A, BLACK, W/O CPA	33472-1668	A-BLK	GC	PLR		M	R	1				5												SALEABLE			
KEY B, LIGHT GRAY, W/O CPA	33472-1669	B-LG	GC	PLR		M	R							8					12	13	14	15	16	SALEABLE			
KEY B, LIGHT GRAY, W/O CPA	33472-1670	B-LG	GC	PLR		M	R							8						13	14	15	16	SALEABLE			
KEY B, LIGHT GRAY, W/O CPA	33472-1671	B-LG	GC	PLR		M	R										10	11						SALEABLE			
KEY B, LIGHT GRAY, W/O CPA	33472-1672	B-LG	GC	PLR		M	R										10	11	12					SALEABLE			
KEY A, BLACK, W/CPA	33472-1673	A-BLK	GC	PLR	CPA	M	R										10	11		13	14	15	16	SALEABLE			
KEY B, LIGHT GRAY, W/O CPA	33472-1674	B-LG	GC	PLR		M	R												12					SALEABLE			
KEY A, BLACK, W/CPA	33472-1675	A-BLK	GC	PLR	CPA	M	R										10	11				15	16	SALEABLE			
KEY A, BLACK, W/CPA	33472-1676	A-BLK	GC	PLR	CPA	M	R								8	9	10	11	12			15	16	SALEABLE			
KEY B, LIGHT GRAY, W/O CPA	33472-1677	B-LG	GC	PLR		M	R				4		6	7	8				12		14			SALEABLE			
KEY A, BLACK, W/O CPA	33472-1678	A-BLK	GC	PLR		M	R					5												SALEABLE			
KEY A, BLACK, W/O CPA	33472-1679	A-BLK	GC	PLR		M	R					5											16	SALEABLE			
KEY A, BLACK, W/CPA	33472-1680	A-BLK	GC	PLR	CPA	M	R															15	16	SALEABLE			
KEY A, BLACK, W/O CPA	33472-1681	A-BLK	GC	PLR		M	R		2			5		7			10				14			SALEABLE			
KEY B, LIGHT GRAY, W/O CPA	33472-1682	B-LG	GC	PLR		M	R				4													SALEABLE			
KEY A, BLACK, W/O CPA	33472-1683	A-BLK	GC	PLR		M	R																16	SALEABLE			
KEY A, BLACK, W/O CPA	33472-1684	A-BLK	GC	PLR		M	R				4								12					SALEABLE			
KEY B, LIGHT GRAY, W/O CPA	33472-1685	B-LG	GC	PLR		M	R															16		SALEABLE			
KEY B, LIGHT GRAY, W/O CPA	33472-1686	B-LG	GC	PLR		M	R				4								12		14			SALEABLE			
KEY B, LIGHT GRAY, W/O CPA	33472-1687	B-LG	GC	PLR		M	R														14			SALEABLE			
KEY A, BLACK, W/O CPA	33472-1688	A-BLK	GC	PLR		M	R		2															SALEABLE			
KEY B, LIGHT GRAY, W/O CPA	33472-1689	B-LG	GC	PLR		M	R		2		4								12		14			SALEABLE			
KEY B, LIGHT GRAY, W/O CPA	33472-1690	B-LG	GC	PLR		M	R		2												14			SALEABLE			
KEY A, BLACK, W/O CPA	33472-1691	A-BLK	GC	PLR		M	R		2			4							12					SALEABLE			
KEY A, BLACK, W/O CPA	33472-1692	A-BLK	GC	PLR		M	R				4				8				12					SALEABLE			
KEY B, LIGHT GRAY, W/O CPA	33472-1693	B-LG	GC	PLR		M	R				4				8				12		14			SALEABLE			
KEY B, LIGHT GRAY, W/O CPA	33472-1694	B-LG	GC	PLR		M	R								8						14			SALEABLE			
KEY A, BLACK, W/O CPA	33472-1695	A-BLK	GC	PLR		M	R		2						8									SALEABLE			
NOT AVAILABLE	33472-1696																										
NOT AVAILABLE	33472-1697																										
NOT AVAILABLE	33472-1698																										
NOT AVAILABLE	33472-1699																										
NOT AVAILABLE	33472-1700																										
KEY A, BLACK, W/O CPA	33472-1701	A-BLK	GC	PLR		M	R		2		4				8				12					SALEABLE			
KEY B, LIGHT GRAY, W/O CPA	33472-1702	B-LG	GC	PLR		M	R		2		4				8				12		14			SALEABLE			
KEY B, LIGHT GRAY, W/O CPA	33472-1703	B-LG	GC	PLR		M	R		2						8						14			SALEABLE			
KEY A, BLACK, W/O CPA	33472-1704	A-BLK	GC	PLR		M	R		2		4													SALEABLE			
KEY B, LIGHT GRAY, W/O CPA	33472-1705	B-LG	GC	PLR		M	R		2		4										14			SALEABLE			
KEY A, BLACK, W/O CPA	33472-1706	A-BLK	GC	PLR		M	R		2				6				10			13	14	15	16	SALEABLE			
KEY A, BLACK, W/O CPA	33472-1707	A-BLK	GC	PLR		M	R		2				6				10	11		13	14	15	16	SALEABLE			
KEY A, BLACK, W/O CPA	33472-1708	A-BLK	GC	PLR		M	R		2				6				10			13	14			SALEABLE			
KEY A, BLACK, W/O CPA	33472-1709	A-BLK	GC	PLR		M	R				4				8									SALEABLE			
KEY A, BLACK, W/O CPA	33472-1710	A-BLK	GC	PLR		M	R		2				6					11						SALEABLE			
KEY A, BLACK, W/O CPA	33472-1711	A-BLK	GC	PLR		M	R		2				6									</					



MX150 RECEPTACLE 2X8 SEALED ASSEMBLY MAT SEAL
BOM AND PIN OUT SHEET

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS																STATUS	COMMENTS	OPTIONAL ATTACHMENTS SOLD SEPERATELY			
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.						CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION																		BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS		
		HOUSING KEY/COLOR	GROMMET CAP	PLR	CPA	MAT SEAL	RING SEAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16						
KEY A, BLACK, W/O CPA	33472-1752	A-BLK	GC	PLR		M	R											10	11	12	13	14	15	16	SALEABLE				
KEY A, BLACK, W/O CPA	33472-1753	A-BLK	GC	PLR		M	R												11	12	13	14	15	16	SALEABLE				
KEY A, BLACK, W/O CPA	33472-1754	A-BLK	GC	PLR		M	R	1	2	3	4	5	6												SALEABLE				
KEY A, BLACK, W/O CPA	33472-1755	A-BLK	GC	PLR		M	R								8	9					14	15	16	SALEABLE					
KEY A, BLACK, W/O CPA	33472-1756	A-BLK	GC	PLR		M	R												12	13	14	15	16	SALEABLE					
KEY A, BLACK, W/O CPA	33472-1757	A-BLK	GC	PLR		M	R								7	8	9	10							SALEABLE				
KEY A, BLACK, W/O CPA	33472-1758	A-BLK	GC	PLR		M	R															14	15	16	SALEABLE				
KEY A, BLACK, W/O CPA	33472-1759	A-BLK	GC	PLR		M	R		2				6	7	8										SALEABLE				
KEY A, BLACK, W/O CPA	33472-1760	A-BLK	GC	PLR		M	R		2		4		6	7	8					12					SALEABLE				
KEY A, BLACK, W/O CPA	33472-1761	A-BLK	GC	PLR		M	R		2			5	6	7	8	9	10		12		14	15	16	SALEABLE					
KEY A, BLACK, W/O CPA	33472-1762	A-BLK	GC	PLR		M	R		2			5	6	7	8		10		12		14	15		SALEABLE					
KEY A, BLACK, W/O CPA	33472-1763	A-BLK	GC	PLR		M	R		2							9	10					15	16	SALEABLE					
KEY A, BLACK, W/O CPA	33472-1764	A-BLK	GC	PLR		M	R		2								10					15		SALEABLE					
KEY A, BLACK, W/O CPA	33472-1765	A-BLK	GC	PLR		M	R	1	2	3	4	5	6	7	8	9	10							SALEABLE					
KEY A, BLACK, W/O CPA	33472-1766	A-BLK	GC	PLR		M	R	1	2	3	4	5	6				10	11	12	13	14	15	16	SALEABLE					
KEY C, DARK GRAY, W/O CPA	33472-1767	C-DG	GC	PLR		M	R																	SALEABLE					
KEY D, STONE GRAY, W/O CPA	33472-1768	D-SG	GC	PLR		M	R																	SALEABLE					
KEY C, DARK GRAY, W/CPA	33472-1769	C-DG	GC	PLR	CPA	M	R																	SALEABLE					
KEY D, STONE GRAY, W/CPA	33472-1770	D-SG	GC	PLR	CPA	M	R																	SALEABLE					
KEY B, LIGHT GRAY, W/O CPA	33472-1771	B-LG	GC	PLR		M	R	1	2	3	4	5	6	7	8	9	10		12		14	15	16	SALEABLE					
KEY B, LIGHT GRAY, W/O CPA	33472-1772	B-LG	GC	PLR		M	R	1	2	3	4	5	6	7	8	9	10		12		14	15		SALEABLE					
KEY B, LIGHT GRAY, W/CPA	33472-1773	B-LG	GC	PLR	CPA	M	R				4	5					10	11	12	13				SALEABLE					
KEY B, LIGHT GRAY, W/CPA	33472-1774	B-LG	GC	PLR	CPA	M	R				4	5			8		10	11	12	13				SALEABLE					
KEY B, LIGHT GRAY, W/CPA	33472-1775	B-LG	GC	PLR	CPA	M	R				4	5			8		10	11	12	13			16	SALEABLE					
KEY B, LIGHT GRAY, W/CPA	33472-1776	B-LG	GC	PLR	CPA	M	R				4	5			8		10		12	13				SALEABLE					
KEY B, LIGHT GRAY, W/CPA	33472-1777	B-LG	GC	PLR	CPA	M	R				4	5						11	12	13				SALEABLE					
KEY A, BLACK, W/O CPA	33472-1778	A-BLK	GC	PLR		M	R			3	4					9	10					15	16	SALEABLE					
KEY A, BLACK, W/O CPA	33472-1779	A-BLK	GC	PLR		M	R		2		4			6	7		9		11		13		15	16	SALEABLE				
KEY A, BLACK, W/CPA	33472-1780	A-BLK	GC	PLR	CPA	M	R														14	15	16	SALEABLE					
KEY A, BLACK, W/O CPA	33472-1781	A-BLK	GC	PLR		M	R				4	5		7										SALEABLE					
KEY A, BLACK, W/CPA	33472-1782	A-BLK	GC	PLR	CPA	M	R												12	13	14	15	16	SALEABLE					
KEY A, BLACK, W/O CPA	33472-1783	A-BLK	GC	PLR		M	R	1	2	3	4			7	8	9	10	11	12			15	16	SALEABLE					
KEY A, BLACK, W/O CPA	33472-1784	A-BLK	GC	PLR		M	R	1	2	3	4				8	9	10	11	12				16	SALEABLE					
KEY A, BLACK, W/O CPA	33472-1785	A-BLK	GC	PLR		M	R			2	3	4				9	10					15	16	SALEABLE					
KEY A, BLACK, W/O CPA	33472-1786	A-BLK	GC	PLR		M	R		2	3	4	5	6	7	8	9	10		12		14	15	16	SALEABLE					
KEY A, BLACK, W/O CPA	33472-1787	A-BLK	GC	PLR		M	R					5			8		10	11		13		15		SALEABLE					
KEY A, BLACK, W/O CPA	33472-1788	A-BLK	GC	PLR		M	R			3		5			8		10	11		13		15		SALEABLE					
KEY A, BLACK, W/O CPA	33472-1789	A-BLK	GC	PLR		M	R					5			8		10	11			14			SALEABLE					
KEY A, BLACK, W/O CPA	33472-1790	A-BLK	GC	PLR		M	R				3	4	5			8		10	11	12	13	14	15	SALEABLE					
KEY A, BLACK, W/O CPA	33472-1791	A-BLK	GC	PLR		M	R				3	4				9	10					15	16	SALEABLE					
KEY A, BLACK, W/O CPA	33472-1792	A-BLK	GC	PLR		M	R	1		3		5		7	8		10	11			14	15	16	SALEABLE					
KEY A, BLACK, W/O CPA	33472-1793	A-BLK	GC	PLR		M	R													13	14	15	16	SALEABLE					
KEY A, BLACK, W/O CPA	33472-1794	A-BLK	GC	PLR		M	R		2		4		6	7	8					12				SALEABLE					
KEY A, BLACK, W/CPA	33472-1795	A-BLK	GC	PLR	CPA	M	R												12		14			SALEABLE					
KEY A, BLACK, W/O CPA	33472-1796	A-BLK	GC	PLR		M	R	1				5		7	8		10	11			14	15							



MX150 RECEPTACLE 2X8 SEALED ASSEMBLY MAT SEAL
BOM AND PIN OUT SHEET

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS																STATUS	COMMENTS	OPTIONAL ATTACHMENTS SOLD SEPERATELY			
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.						CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION																		BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS		
		HOUSING KEY/COLOR	GROMMET CAP	PLR	CPA	MAT SEAL	RING SEAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16						
KEY A, BLACK, W/O CPA	33472-1841	A-BLK	GC	PLR		M	R	1	2			5	6	7	8									SALEABLE					
KEY A, BLACK, W/O CPA	33472-1842	A-BLK	GC	PLR		M	R			3	4							11	12					SALEABLE					
KEY A, BLACK, W/O CPA	33472-1843	A-BLK	GC	PLR		M	R								9				13	14	15	16		SALEABLE					
KEY A, BLACK, W/O CPA	33472-1844	A-BLK	GC	PLR		M	R			3	4				9	10	11	12	13	14	15	16		SALEABLE					
KEY B, LIGHT GRAY, W/O CPA	33472-1845	B-LG	GC	PLR		M	R			3	4	5	6		8	9	10	11	12	13	14			SALEABLE					
KEY A, BLACK, W/O CPA	33472-1846	A-BLK	GC	PLR		M	R								9	10						15	16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1847	A-BLK	GC	PLR		M	R									10						15		SALEABLE					
KEY A, BLACK, W/O CPA	33472-1848	A-BLK	GC	PLR		M	R	1	2	3	4	5	6	7	8	9	10	11			14	15	16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1849	A-BLK	GC	PLR		M	R		2						8						14	15	16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1850	A-BLK	GC	PLR		M	R	1		3					9			11	12	13		15	16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1851	A-BLK	GC	PLR		M	R	1	2	3	4	5	6		8		10				14	15	16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1852	A-BLK	GC	PLR		M	R	1	2			5		7	8	9	10	11	12	13	14	15	16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1853	A-BLK	GC	PLR		M	R		2			5		7		9	10	11	12	13	14	15	16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1854	A-BLK	GC	PLR		M	R		2			5		7		9							16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1855	A-BLK	GC	PLR		M	R					5		7									16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1856	A-BLK	GC	PLR		M	R		2						7		9						16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1857	A-BLK	GC	PLR		M	R								7								16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1858	A-BLK	GC	PLR		M	R		2			5			9			11	12	13	14	15	16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1859	A-BLK	GC	PLR		M	R		2			5			9				12	13	14	15			SALEABLE				
KEY A, BLACK, W/O CPA	33472-1860	A-BLK	GC	PLR		M	R		2			5			9										SALEABLE				
KEY A, BLACK, W/O CPA	33472-1861	A-BLK	GC	PLR		M	R		2						9										SALEABLE				
KEY A, BLACK, W/O CPA	33472-1862	A-BLK	GC	PLR		M	R		2						7								16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1863	A-BLK	GC	PLR		M	R	1		3					8				11	12	13	14	15	16		SALEABLE			
KEY A, BLACK, W/O CPA	33472-1864	A-BLK	GC	PLR		M	R								9			11	12	13	14	15	16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1865	A-BLK	GC	PLR		M	R	1			4		6	7	8		10			13	14	15			SALEABLE				
KEY A, BLACK, W/CPA	33472-1866	A-BLK	GC	PLR	CPA	M	R					5													SALEABLE				
KEY A, BLACK, W/O CPA	33472-1867	A-BLK	GC	PLR		M	R		2			5		7		9				12	13	14	15	16		SALEABLE			
KEY A, BLACK, W/CPA	33472-1868	A-BLK	GC	PLR	CPA	M	R	1	2	3	4		6	7		9	10	11	12	13	14	15	16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1869	A-BLK	GC	PLR		M	R				4	5	6	7	8				12	13	14	15	16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1870	A-BLK	GC	PLR		M	R	1	2	3	4					9	10	11		13					SALEABLE				
KEY A, BLACK, W/O CPA	33472-1871	A-BLK	GC	PLR		M	R	1	2			5	6	7	8	9	10	11	12	13	14		16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1872	A-BLK	GC	PLR		M	R	1	2			5	6	7	8	9	10						16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1873	A-BLK	GC	PLR		M	R					5	6	7		9		11	12	13	14		16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1874	A-BLK	GC	PLR		M	R					5	6	7		9							16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1875	A-BLK	GC	PLR		M	R	1	2						8		10	11	12	13	14		16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1876	A-BLK	GC	PLR		M	R											11	12	13	14		16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1877	A-BLK	GC	PLR		M	R	1	2						8		10						16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1878	A-BLK	GC	PLR		M	R			3		5		7			10	11		13		15			SALEABLE				
KEY A, BLACK, W/O CPA	33472-1879	A-BLK	GC	PLR		M	R	1	2	3	4	5			8	9	10	11	12	13	14		16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1880	A-BLK	GC	PLR		M	R												12	13	14				SALEABLE				
KEY A, BLACK, W/O CPA	33472-1881	A-BLK	GC	PLR		M	R		2						9				12	13	14				SALEABLE				
KEY A, BLACK, W/O CPA	33472-1882	A-BLK	GC	PLR		M	R	1			4	5	6		8				12	13	14		16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1883	A-BLK	GC	PLR		M	R	1	2		4	5	6		8	9	10		12	13	14	15	16		SALEABLE				
KEY A, BLACK, W/O CPA	33472-1884	A-BLK	GC	PLR		M	R				4	5			8		10	11	12	13	14	15			SALEABLE				
KEY A, BLACK, W/O CPA	33472-1885	A-BLK	GC	PLR		M	R							7	8	9	10	11	12	13	14</								



MX150 RECEPTACLE 2X8 SEALED ASSEMBLY MAT SEAL
BOM AND PIN OUT SHEET

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS																STATUS	COMMENTS	OPTIONAL ATTATCHMENTS SOLD SEPERATELY	
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.						CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION																		BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS
		HOUSING KEY/COLOR	GROMMET CAP	PLR	CPA	MAT SEAL	RING SEAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
KEY A, BLACK, W/O CPA	33472-1932	A-BLK	GC	PLR		M	R	1	2		4	5	6				10			14				SALEABLE			
KEY A, BLACK, W/O CPA	33472-1933	A-BLK	GC	PLR		M	R							8			10	11		13		15		SALEABLE			
KEY A, BLACK, W/O CPA	33472-1934	A-BLK	GC	PLR		M	R		2			5		8			10	11			14			SALEABLE			
KEY A, BLACK, W/O CPA	33472-1935	A-BLK	GC	PLR		M	R		2			5		8			10	11		13	14	15		SALEABLE			
KEY A, BLACK, W/CPA	33472-1936	A-BLK	GC	PLR	CPA	M	R		2		4		6				10		12		14	15		SALEABLE			

NOTES: VALID UNLESS OTHERWISE SPECIFIED

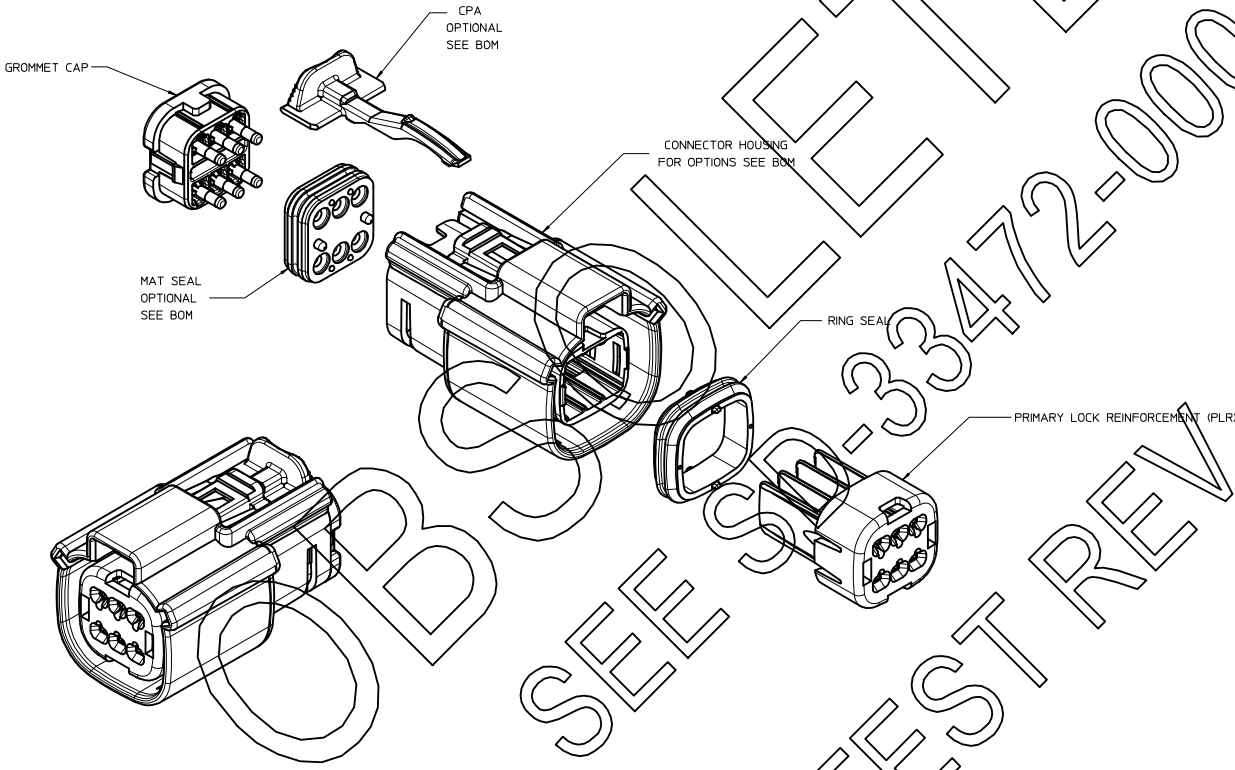
1. GENERAL:
a. APPLICATION SPECIFICATION SEE: AS-33472-100
CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN DRAWING EWCAP 150-S-006-2-Z02, AVAILABLE AT <<http://ewcap.uscartsome.org/>>.
-DESIGNED TO MATE WITH BLADE SEALED ASSEMBLY AS SPECIFIED IN DRAWING SD-33482-061
-FOR 15mm RECEPTACLE TERMINALS TO BE USED WITH THIS ASSEMBLY SEE MOLEX DRAWING SD-33012-002
-SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2mm TO 2.69mm.
-ASSEMBLY SHIPPED WITH PLR AND CPA IN PRE-LOCK POSITION (SEE SECTION 2-2 PRE-LOCK)
-IN THE EVENT THAT THE PLR IS FOUND IN THE SEATED (FINAL LOCK) POSITION, REFER TO MOLEX SPECIFICATION PS-34646-001, AVAILABLE AT www.molex.com <<http://www.molex.com>>
-ASSEMBLY CONFORMS TO SAE/USCAR-2 REV.4 WITH THE FOLLOWING EXCEPTIONS:
ENGAGEMENT FORCE TO MOVE CPA FROM PRE-LOCK TO FINAL LOCK POSITION WHEN UNMATED: 40N MIN.
DISENGAGEMENT FORCE TO MOVE CPA FROM FINAL LOCK TO PRE-LOCK POSITION: 3N MIN. 40N MAX.
TERMINAL INSERTION FORCE FOR WIRE DIAMETER ABOVE 2.5mm NOT EXCEEDING 2.69mm SHALL NOT EXCEED 40 NEWTONS.
PLR REMOVAL FROM FINAL LOCK TO PRE-LOCK POSITION SHALL NOT EXCEED 130 NEWTONS.
b. PRODUCT SPECIFICATION SEE: PS-33472-000
CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), AND PRODUCT VALIDATION.
c. PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31300-903
d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION PS-40000-5014
e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
f. FOR INFORMATION ON 2X3 RECEPTACLE SEALED ASSEMBLY WITH CLIPSLOT SEE SD-33472-071
2. DESIGN - MATERIALS:
a. SEE BOM TABLE
3. DESIGN - GEOMETRY:
a. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
e. LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD. THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
f. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)
g. LASER MARKING TBD

INSPECTION NUMBER LOG
LAST NUMBER USED:
ADDED:
REMOVED:

Y	OBSELETE. SEE SD-33472-0001
X19	UPDATE VIEWS.
X18	ADD NEW P/N 33472-0691 33472-0692
X17	ADD NEW P/N 33472-0690
X16	ADD NEW P/N 33472-0689
X15	UPDATED VIEWS
X14	ADD NEW P/N 33472-0687 33472-0688
X13	ADD NEW P/N 33472-0684 33472-0685
X12	ADD NEW P/N 33472-0683
X11	ADD NEW P/N 33472-0682
X10	CHANGE THE STATUS TO SELEABLE FROM TOOLED BUT NOT VALIDATED FOR DK GREY AND ST GREY
X9	UPDATED BACKSHELL INFORMATION
X8	ADD NEW P/N 33472-0681
X7	UPDATED BACKSHELL
X6	RENAMED BACKSHELLS
X5	ADD NEW P/N 33472-0678 33472-0679
X4	33472-0680
X3	UPDATED VIEWS
X2	UPDATED NOMENCLATURE SHEET 3
X1	ADD NEW P/N 33472-0677
X	UPDATED NOTES
REV	REDRAWN, ADDED BACKSHELL

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	DOCUMENT NO.	SHEET NO.
3:1	METRIC		SD-33472-061	1 OF 9
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

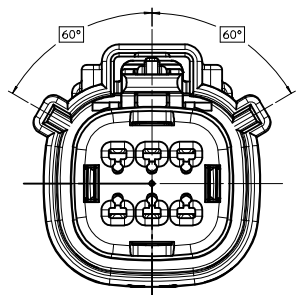
TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES
2	KEY CONFIGURATIONS
3	RECEPTACLE SEALED ASSEMBLY
4	BACKSHELL NOTES
5	BACKSHELL
6	BACKSHELL CONFIGURATIONS
7-8	BOM



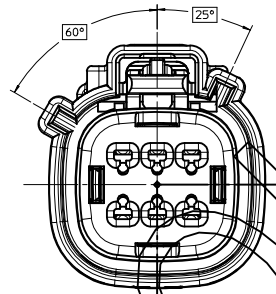
ENTER DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	DRAWN BY	DATE	TITLE
IEC NO: UAU2014-0981 DRAWN: JZELSKI CHKD: APPR: VKOSHY	$\nabla=0$ $\nabla=0$ $\nabla=0$	mm INCH 4 PLACES $\pm$ --- $\pm$ --- 3 PLACES $\pm$ --- $\pm$ --- 2 PLACES $\pm$ 0.10 $\pm$ --- 1 PLACE $\pm$ 0.3 $\pm$ --- 0 PLACE $\pm$ $\pm$ --- ANGULAR $\pm$ 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MM ONLY	DGRIF1	06-05-03 06-05-03 2010/03/04	MX150 2X3 RECEPTACLE SEALED ASSEMBLY MAT SEAL
SIZE D			SEE BOM			

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

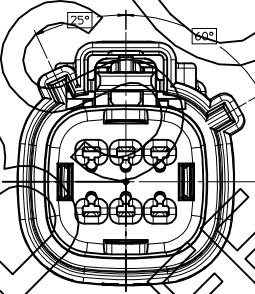
KEY CONFIGURATIONS



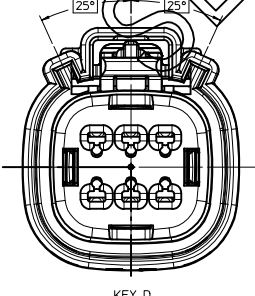
KEY A



KEY B



KEY C



KEY D

OR SEE SD-33472-0001 LATEST REV.

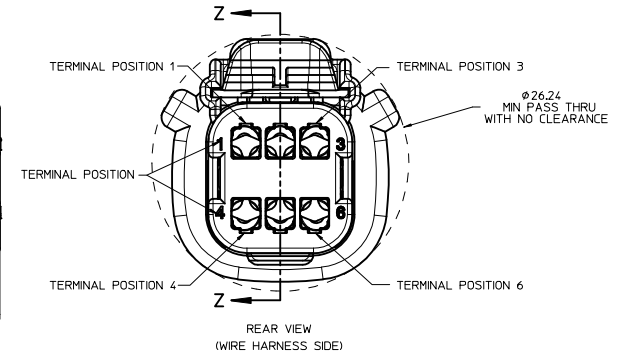
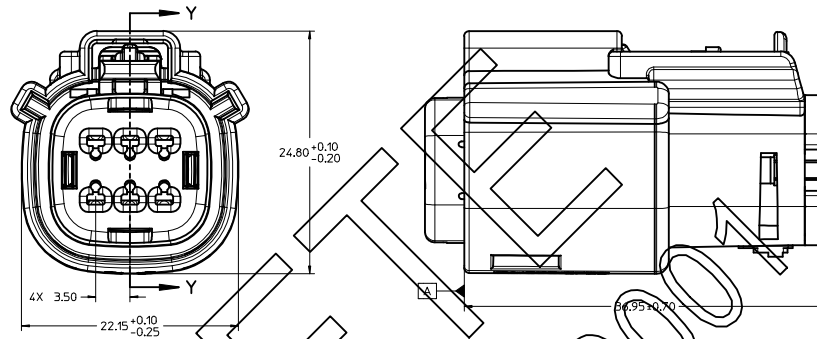
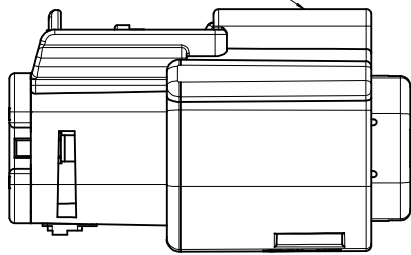
ENTER DESCRIPTION IEC NO: UAU2014-0981 DRAWN: JZELSKI CHKD: APPR: VKOSHY REV	DESCRIPTION 2015/04/03	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		▽=0		mm INCH		DRAWN BY DATE		TITLE				
		▽=0		4 PLACES ± --- ± ---		DGRIFT ITHS 06-05-03		MX150 2X3 RECEPTACLE SEALED ASSEMBLY MAT SEAL				
		▽=0		3 PLACES ± --- ± ---		CHECKED BY DATE		2010/03/04				
		▽=0		2 PLACES ± 0.10 ± ---		DGRIFT ITHS 06-05-03						
				1 PLACE ± 0.3 ± ---		APPROVED BY DATE						
				0 PLACE ± ±		VKOSHY 2010/03/04						
				ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE BOM		SD-33472-061				
						SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 2 OF 9		

SHEET NO.
2 OF 9

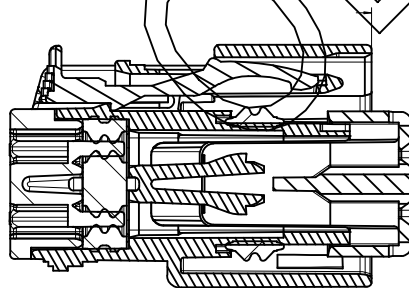
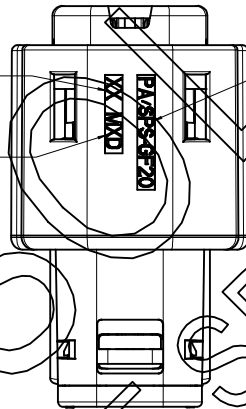
19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

LASER MARKING ON THIS SURFACE
SEE NOTE 3g.

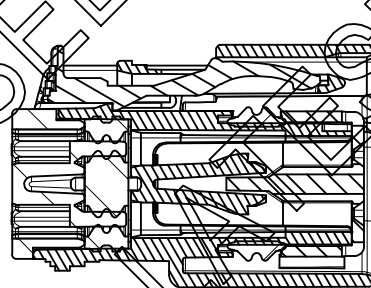


MOLD CAVITY CODE
LOCATION CODE
RECYCLE CODE



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN PRE-STAGED POSITION

SECTION Z-Z



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN FINAL LOCK POSITION

SECTION Y-Y

ENTER DESCRIPTION IEC NO. UAU2014-0981 DRAWN: IZUZELSKI CHKD: APPR: WKOSHY REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION 2015/04/03 2015/04/17	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
					DRAWN BY DATE				
					06-05-03				
					CHECKED BY DATE				
					06-05-03				
					APPROVED BY DATE				
					VKOSHY 2010/03/04				
					MATERIAL NO.				
					DOCUMENT NO.				
					SD-33472-061				
		SHEET NO. 3 OF 9							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

BACKSHELL NOTES

BACKSHELL NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
2. APPLICATION SPECIFICATION SEE: AS-34951-001
- DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY AS SPECIFIED IN DRAWING SD-33472-061
 - SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2 mm TO 2.69 mm.
 - COMPONENTS ARE OPTIONAL AND MUST BE PURCHASED SEPARATELY
 - BACKSHELL DESIGN IS OWNED BY SCHLEMMER
 - FOR ADDITIONAL INFORMATION SEE THE BACKSHELL COMPONENT DRAWING SD-34951-0001

BACKSHELL CUSTOMER
MODEL NUMBER LEGEND

34951-XXXX

- CUSTOMER MODEL COMPONENTS
- 1. BACKSHELL ONLY
 - 2. BACKSHELL & MX150 HOUSING KEY A ASSEMBLY
 - 3. BACKSHELL & MX150 HOUSING KEY B ASSEMBLY
 - 4. BACKSHELL & MX150 HOUSING KEY C ASSEMBLY
 - 5. BACKSHELL & MX150 HOUSING KEY D ASSEMBLY

BACKSHELL FEATURES

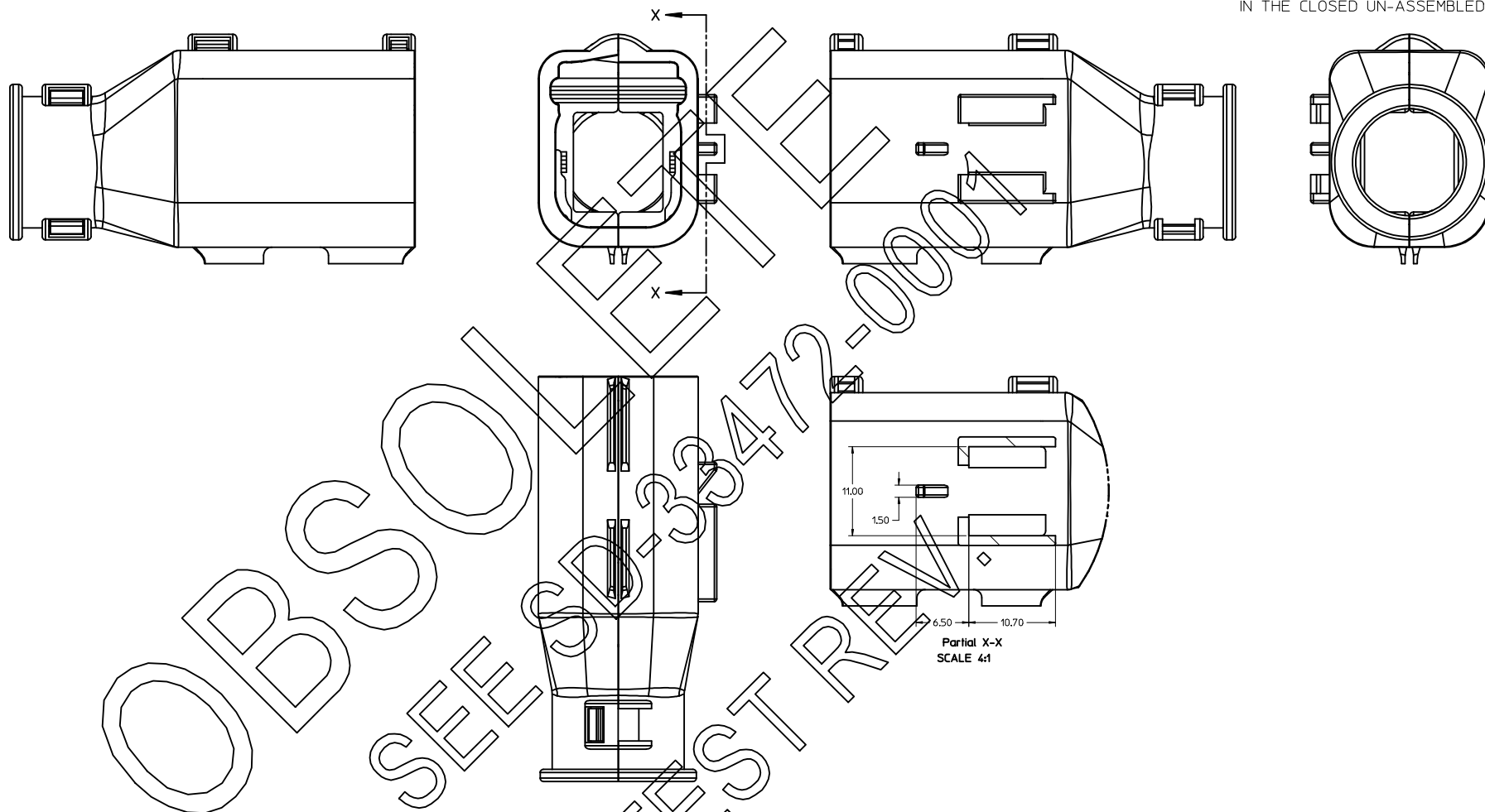
- 1. WITH RIBS
- 2. WITHOUT RIBS

MX150 CIRCUIT SIZE 04, 06, 08, 12, 16, 20

ENTER DESCRIPTION EC NO. UAU2014-0981 DRAWN: JZELSKI CHKD: APPR: WKSHY REV. 2015/04/17	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
			MM ONLY		4:1	METRIC			
			DRAWN BY DATE		TITLE				
			DGR IF1THS 06-05-03		MX150 2X3 RECEPTACLE				
			CHECKED BY DATE		SEALED ASSEMBLY				
			DGR IF1THS 06-05-03		MAT SEAL				
			APPROVED BY DATE		molex				
			WKSHY 2010/03/04						
			MATERIAL NO.						
			ANGULAR $\pm 3^{\circ}$		SEE BOM		SD-33472-061		4 OF 9
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

BACKSHELL
THE VIEWS ON THIS SHEET ARE
IN THE CLOSED UN-ASSEMBLED POSITION

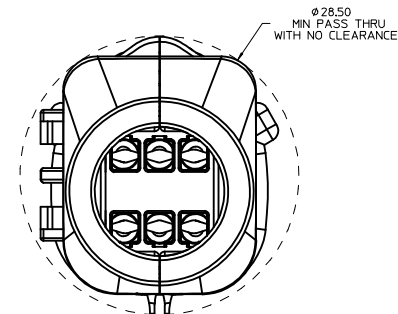
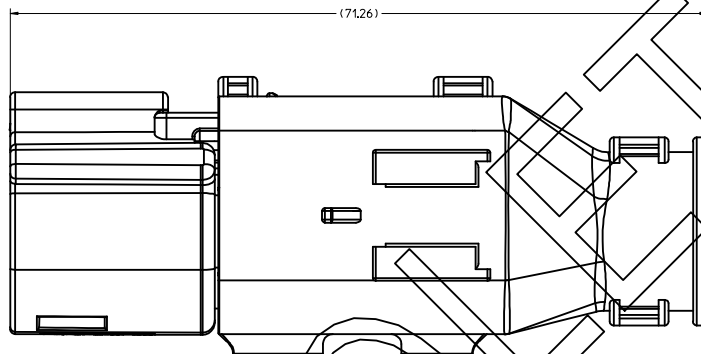


ENTER DESCRIPTION IEC NO. IAU2014-0981 DRAWN: IZUZELSKI CHKD: APPR: VKOSHY		REV DESCRIPTION 2015/04/17	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
			$\nabla=0$		mm		INCH		DRAWN BY DGRIFFI THS DATE 06-05-03	TITLE MX150 2X3 RECEPTACLE SEALED ASSEMBLY MAT SEAL		
			$\nabla=0$		4 PLACES $\pm$ ---		$\pm$ ---					
			$\nabla=0$		3 PLACES $\pm$ ---		$\pm$ ---					
			$\nabla=0$		2 PLACES $\pm$ 0.10		$\pm$ ---		APPROVED BY DATE 2010/03/04	DOCUMENT NO. SD-33472-061	SHEET NO. 5 OF 9	
			$\nabla=0$		1 PLACE $\pm$ 0.3		$\pm$ ---					
			$\nabla=0$		0 PLACE $\pm$		$\pm$					
					ANGULAR $\pm$ 3 °							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

BACKSHELL CONFIGURATIONS



RECEPTACLE SEALED ASSEMBLY WITH RECEPTACLE BACKSHELL

ENTER DESCRIPTION IEC NO: UAU2014-0981 DRAWN: JZELSKI CHKD: APPR: VKOSHY	DESCRIPTION REV 2015/04/17	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE MX150 2X3 RECEPTACLE SEALED ASSEMBLY MAT SEAL molex	DOCUMENT NO. SD-33472-061	SHEET NO. 6 OF 9
						DRAWN BY DATE							
			4 PLACES ± 0			DGR FFF I THS 06-05-03							
			3 PLACES ± 0			CHECKED BY DATE							
			2 PLACES ± 0.10			DGR FFF I THS 06-05-03							
			1 PLACE ± 0.3			APPROVED BY DATE							
0 PLACE ± 0			VKOSHY 2010/03/04										
			ANGULAR ± 3 °			MATERIAL NO.							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE BOM							
						SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

KEY A, W/ CPA, BLACK	33472-0681	A								CPA	M	2								SALEABLE		34951-0610	34951-0620
KEY A, BLACK	33472-0680	A								CPA	M	1	2	3						SALEABLE		34951-0610	34951-0620
KEY A, W/ CPA, BLACK	33472-0679	A								CPA	M	1	2	3						SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY	33472-0678	B									M				5	6				SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY	33472-0677	B									M	1								SALEABLE		34951-0610	34951-0620
KEY B, W/ CPA, LIGHT GRAY	33472-0676	B								CPA	M	1			5					SALEABLE		34951-0610	34951-0620
KEY A, W/ CPA, BLACK	33472-0675	A								CPA	M				6					SALEABLE		34951-0610	34951-0620
KEY A, W/ CPA, BLACK	33472-0674	A								CPA	M				5	6				SALEABLE		34951-0610	34951-0620
KEY A, BLACK	33472-0673	A									M				6					SALEABLE		34951-0610	34951-0620
KEY B, LIGHT GRAY	33472-0672	B									M				5					SALEABLE		34951-0610	34951-0620
KEY D, W CPA, STONE GRAY	33472-0671									D CPA	M									SALEABLE		34951-0610	34951-0620
KEY C, W/ CPA, DARK GRAY	33472-0670									C CPA	M									SALEABLE		34951-0610	34951-0620
KEY D, STONE GRAY	33472-0669									D	M									SALEABLE		34951-0610	34951-0620
KEY C, DARK GRAY	33472-0668									C	M									SALEABLE		34951-0610	34951-0620
KEY A, BLACK	33472-0667	A									M	1	3		5	6				SALEABLE		34951-0610	34951-0620
KEY A, BLACK	33472-0666	A									M		2		5	6				SALEABLE		34951-0610	34951-0620
KEY A, BLACK	33472-0665	A									M	1								SALEABLE		34951-0610	34951-0620
KEY A, BLACK	33472-0664	A									M				4	5	6			SALEABLE		34951-0610	34951-0620
KEY A, BLACK	33472-0663	A									M					5	6			SALEABLE		34951-0610	34951-0620
KEY A, BLACK	33472-0662	A									M	2				5				SALEABLE		34951-0610	34951-0620
KEY A, BLACK	33472-0661	A									M	2								SALEABLE		34951-0610	34951-0620
KEY A, W/ CPA, BLACK	33472-0660	A								CPA	M	1	2	3	4	5	6			SALEABLE		34951-0610	34951-0620
KEY A, BLACK	33472-0659	A									M				5	6				SALEABLE		34951-0610	34951-0620
KEY A, BLACK	33472-0658	A									M			3						SALEABLE		34951-0610	34951-0620
VOID KEY	33472-0657																						
KEY D, W/ CPA, GREEN	33472-0656									D	CPA	M	1		3	4	6			NOT RECOMMENDED		34951-0610	34951-0620
KEY C, W/ CPA, BROWN	33472-0655									C	CPA	M	1		3	4	6			NOT RECOMMENDED		34951-0610	34951-0620
KEY B, W/ CPA, LIGHT GRAY	33472-0654	B									CPA	M	1		3	4	6					34951-0610	34951-0620
KEY A, W/ CPA, BLACK	33472-0653	A									CPA	M	1		3	4	6			SALEABLE		34951-0610	34951-0620
VOID KEY	33472-0652																						
KEY D, GREEN	33472-0651									D	M	1		3	4	6				NOT RECOMMENDED		34951-0610	34951-0620
KEY C, BROWN	33472-0650									C	M	1		3	4	6				NOT RECOMMENDED		34951-0610	34951-0620
KEY B, LIGHT GRAY	33472-0649	B									M	1		3	4	6						34951-0610	34951-0620
KEY A, BLACK	33472-0648	A									M	1		3	4	6				SALEABLE		34951-0610	34951-0620
VOID KEY	33472-0647																						
KEY D, W/ CPA, GREEN	33472-0646									D	CPA	M	1		3	4				NOT RECOMMENDED		34951-0610	34951-0620
KEY C, W/ CPA, BROWN	33472-0645									C	CPA	M	1		3	4				NOT RECOMMENDED		34951-0610	34951-0620
KEY B, W/ CPA, LIGHT GRAY	33472-0644	B									CPA	M	1		3	4						34951-0610	34951-0620
KEY A, W/ CPA, BLACK	33472-0643	A									CPA	M	1		3					SALEABLE		34951-0610	34951-0620
KEY A, BLACK	33472-0642	A									M				4					SALEABLE		34951-0610	34951-0620
KEY A, BLACK	33472-0641	A									M		2	3		5	6			SALEABLE		34951-0610	34951-0620
ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	A	B	C	D	C	D	C	D	CPA	M	1	2	3	4	5	6			STATUS	COMMENTS	BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS
BLOCKED TERMINAL																					OPTIONAL ATTACHMENTS SOLD SEPARATELY		
CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION																							
CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION																							

RING SEAL	BURNT ORANGE	INHERENTLY LUBRICATED SILICONE
PLR	NATURAL	SPS/NYLON GF20
GROMMET CAP	BLACK	SPS/NYLON GF20
MAT SEAL	LIGHT BLUE	INHERENTLY LUBRICATED SILICONE
CPA	RED	PBT GF30
HOUSING KEYING OPTION D	STONE GRAY	SPS/NYLON GF20
HOUSING KEYING OPTION C	DARK GRAY	SPS/NYLON GF20
HOUSING KEYING OPTION B	GREEN	SPS/NYLON GF20
HOUSING KEYING OPTION A	BROWN	SPS/NYLON GF20
HOUSING KEYING OPTION 6	LIGHT GRAY	SPS/NYLON GF20
HOUSING KEYING OPTION 5	BLACK	SPS/NYLON GF20
DESCRIPTION	COLOR	MATERIAL

BOM/APPLICABLE COMPONENTS TABLE

LEGEND TABLE	
ABBREVIATION	COMPONENT
A	HOUSING KEY A
B	HOUSING KEY B
C	HOUSING KEY C
D	HOUSING KEY D
GC	GROMMET CAP
M	MAT SEAL
R	RING SEAL
P	PLR, STANDARD
CPA	CPA
BKS	BACKSHELL

ENTER DESCRIPTION EC NO: UAU2014-0981 DRAWN: JUZELSKI CHKD: APPR: VKOSHY REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		mm		INCH		TITLE					
		4 PLACES	± .005	± .005	DRAWN BY	DATE	MX150 2X3 RECEPTACLE SEALED ASSEMBLY MAT SEAL				
		3 PLACES	± .005	± .005	CHECKED BY	DATE	molex				
		2 PLACES	± .010	± .010	DRAWN BY	DATE					
		1 PLACE	± .03	± .03	APPROVED BY	DATE					
		0 PLACE	± .03	± .03	VKOSHY	2010/03/04	DOCUMENT NO.		SD-33472-061		
		ANGULAR ± 3 °		MATERIAL NO.		SHEET NO.		8 OF 9			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

MX150 2X3 RECEPTACLE
SEALED ASSEMBLY
MAT SEAL

molex

KEY A, W/CPA, BLACK	33472-0692	A								CPA	M	1	2	3	4	5	6	SALEABLE	34951-0610	34951-0620
KEY A, W/CPA, BLACK	33472-0691	A								CPA	M	1	2	3	4	5	6	SALEABLE	34951-0610	34951-0620
KEY B, W/CPA, LIGHT GRAY	33472-0690	B								CPA	M	1	2	3	4	5	6	SALEABLE	34951-0610	34951-0620
KEY A, W/CPA, BLACK	33472-0689	A								CPA	M	1	2	3	4	5	6	SALEABLE	34951-0610	34951-0620
KEY A, W/CPA, BLACK	33472-0688	A								CPA	M	1	2	3	4	5	6	SALEABLE	34951-0610	34951-0620
KEY A, BLACK	33472-0687	A								CPA	M	1	2	3	4	5	6	SALEABLE	34951-0610	34951-0620
KEY B, W/CPA, LIGHT GRAY	33472-0686	B								CPA	M	1	2	3	4	5	6	SALEABLE	34951-0610	34951-0620
KEY B, W/CPA, LIGHT GRAY	33472-0685	B								CPA	M	1	2	3	4	5	6	SALEABLE	34951-0610	34951-0620
KEY A, W/CPA, BLACK	33472-0684	A								CPA	M	1	2	3	4	5	6	SALEABLE	34951-0610	34951-0620
KEY A, BLACK	33472-0683	A								CPA	M	1	2	3	4	5	6	SALEABLE	34951-0610	34951-0620
KEY A, W/CPA, YELLOW	33472-0682	A								CPA	M	1	2	3	4	5	6	SALEABLE	34951-0610	34951-0620
ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	A	B	C	D	C	D	A	CPA	M	1	2	3	4	5	6	STATUS	COMMENTS	BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS
												BLOCKED TERMINAL								
												CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION								
												CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION								
																		OPTIONAL ATTACHMENTS SOLD SEPARATELY		

RING SEAL	BURNT ORANGE	INHERENTLY LUBRICATED SILICONE
PLR	NATURAL	SPS/NYLON GF20
GROMMET CAP	BLACK	SPS/NYLON GF20
MAT SEAL	LIGHT BLUE	INHERENTLY LUBRICATED SILICONE
CPA	RED	PBT GF30
HOUSING KEYING OPTION A	YELLOW	SPS/NYLON GF20
HOUSING KEYING OPTION D	STONE GRAY	SPS/NYLON GF20
HOUSING KEYING OPTION C	DARK GRAY	SPS/NYLON GF20
HOUSING KEYING OPTION D	GREEN	SPS/NYLON GF20
HOUSING KEYING OPTION C	BROWN	SPS/NYLON GF20
HOUSING KEYING OPTION B	LIGHT GRAY	SPS/NYLON GF20
HOUSING KEYING OPTION A	BLACK	SPS/NYLON GF20
DESCRIPTION	COLOR	MATERIAL
BOM/APPLICABLE COMPONENTS TABLE		

ENTER DESCRIPTION IEC NO. UAU2014-0981 DRAWN: JZELSKI CHKD: APPR: WKOSHY 2015/04/03 2015/04/17	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		mm INCH		DRAWN BY DGR/IFF/THS		DATE 06-05-03	TITLE MX150 2X3 RECEPTACLE SEALED ASSEMBLY MAT SEAL molex			
		4 PLACES ± 0.10		CHECKED BY DGR/IFF/THS		DATE 06-05-03				
		1 PLACE ± 0.3		APPROVED BY WKOSHY		DATE 2010/03/04				
ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 9999999999		DOCUMENT NO. SD-33472-061		SHEET NO. 9 OF 9		
SIZE D				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						