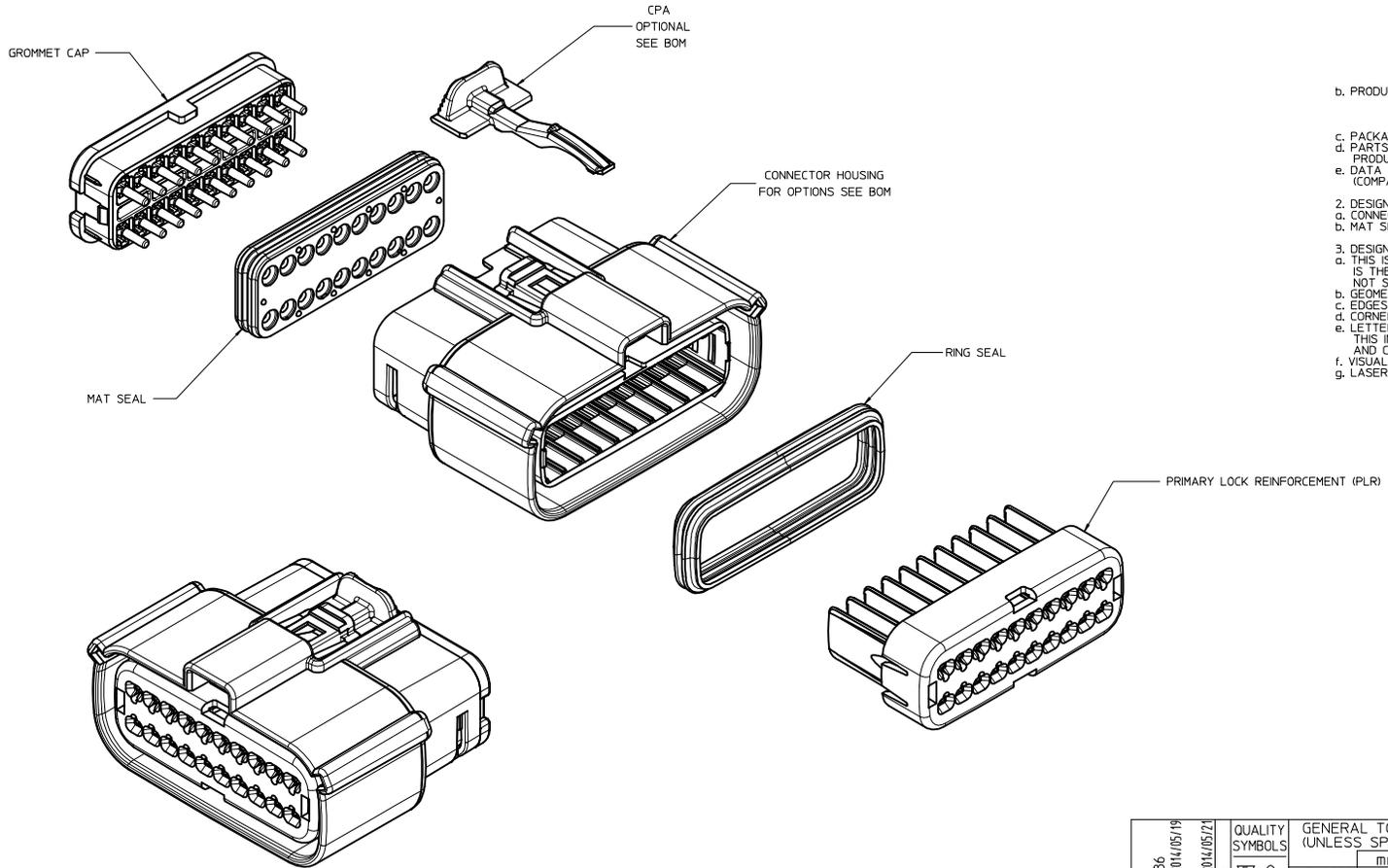


TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES
2	KEY CONFIGURATIONS
3	RECEPTACLE SEALED ASSEMBLY
4-5	BOM
6-7	MATING INTERFACE SHEET



NOTES: VALID UNLESS OTHERWISE SPECIFIED

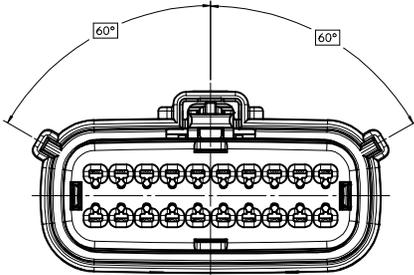
1. GENERAL:
- a. APPLICATION SPECIFICATION SEE: AS-33472-100
    - CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
    - DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED ON SHEET 6 AND 7 OF DRAWING SD-33472-201
    - DESIGNED TO MATE WITH BLADE SEALED ASSEMBLY AS SPECIFIED IN DRAWING SD-33482-0001
    - 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 1.4 mm TO 2.69 mm.
    - ASSEMBLY SHIPPED WITH PLR AND CPA IN PRE-LOCK POSITION (SEE SECTION Z-Z 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) <<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.
    - TPA 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-31900-903
  - d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: ES-40000-5016
  - e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
2. DESIGN - MATERIALS:
- a. CONNECTOR HOUSING, GROMMET CAP, PLR: SPS/NYLON 20% GLASS FILLED
  - b. MAT SEAL: INTERNALLY LUBRICATED SILICONE
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

REV	DESCRIPTION
Y6	ADD NEW P/N 33472-2134 33472-2135 33472-2136 33472-2137 33472-2138
Y5	CHANGE NOTE 1a REF. TO DWG SD-33482-0001
Y4	ADD NEW P/N 33472-2133
Y3	CHANGE THE STATUS TO SALEABLE FROM TOOLED BUT NOT VALIDATED FOR DK GREY AND ST GREY
Y2	ADD NEW P/N 33472-2131 33472-2132
Y1	ADD NEW P/N 33472-2130
Y	ADD NEW P/N 33472-2126 33472-2127 33472-2128 33472-2129
X11	ADD NEW P/N 33472-2123 33472-2124 33472-2125
X10	MOVE SECTION S-S FROM 8.5mm TO 3.5mm FOR INTERFACE SEALING AREA CONTROL ON SHEET 7
X9	ADD NEW P/N 33472-2122
X8	ADD NEW P/N 33472-2115 33472-2116 33472-2117 33472-2118 33472-2119 33472-2120 33472-2121
X7	ADD NEW P/N 33472-2106 33472-2107 33472-2108 33472-2109 33472-2110 33472-2111 33472-2112 33472-2113 33472-2114

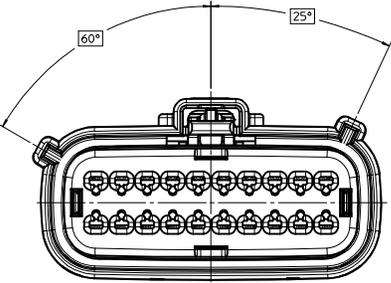
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 ADDED:  
 REMOVED:

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	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							
	SIZE D							

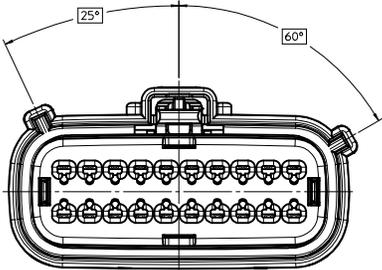
KEY CONFIGURATIONS



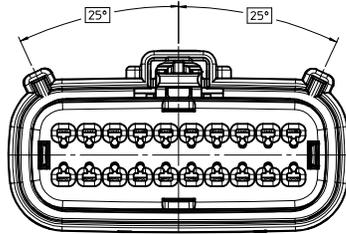
KEY A



KEY B



KEY C

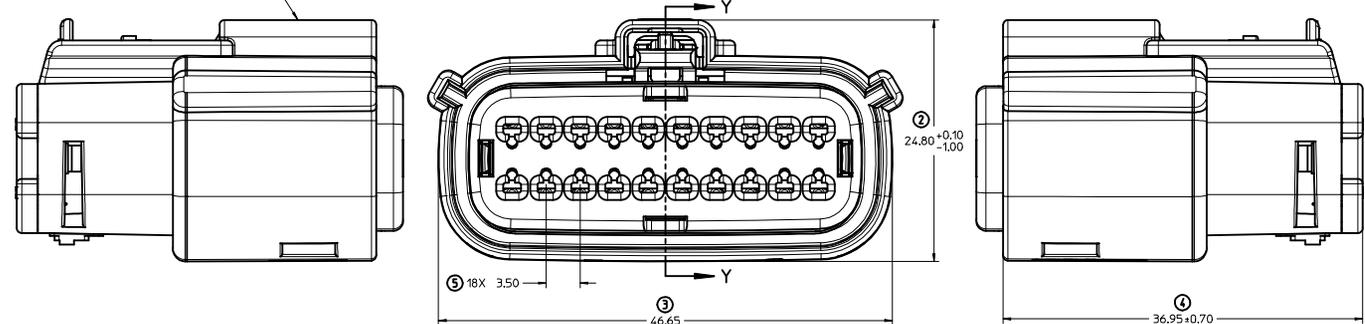


KEY D

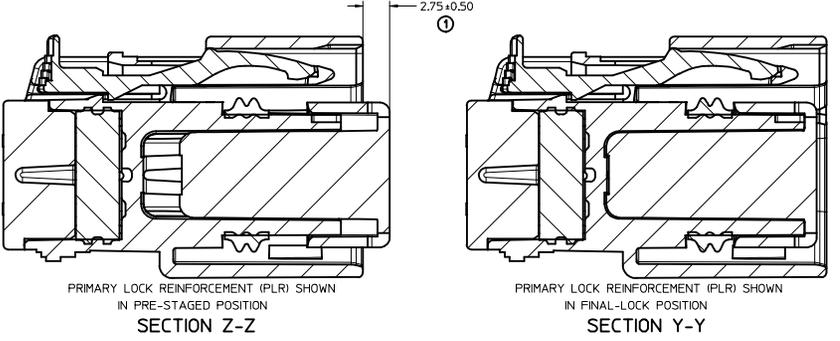
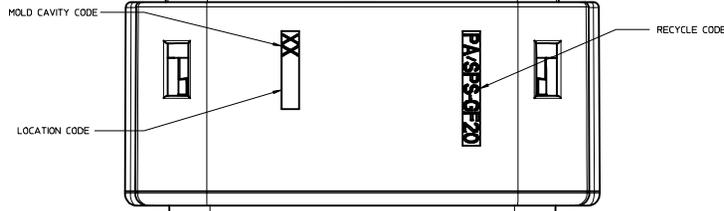
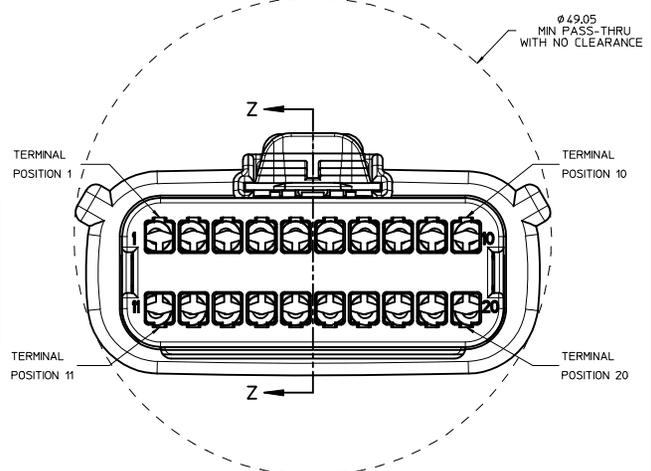
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	▽=0	4 PLACES ± mm ± INCH	MM ONLY	3:1	METRIC	☐
	▽=0	3 PLACES ± 0.10 ± 0.004	DRAWN BY DATE	TITLE		
	▽=0	2 PLACES ± 0.3 ± 0.012	DGRIFflTHS 06/17/2003	MX150 2X10 RECEPTACLE SEALED ASSEMBLY MAT SEAL		
		1 PLACE ± 0.3 ± 0.012	CHECKED BY DATE	DOCUMENT NO.		
		0 PLACE ± ±	DGRIFflTHS 06/17/2003	SD-33472-201		
		ANGULAR ± 3 °	APPROVED BY DATE	SHEET NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DGRIFflTHS 06/17/2003	2 OF 7		
			MATERIAL NO.	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
			SEE BOM			

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.



RECEPTACLE SEALED ASSEMBLY



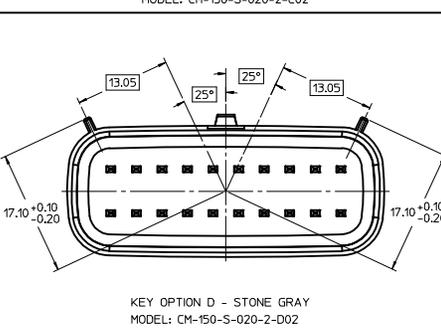
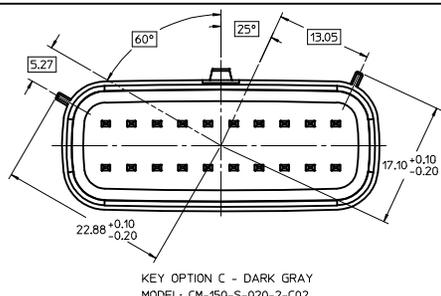
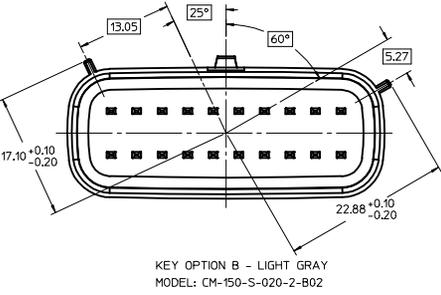
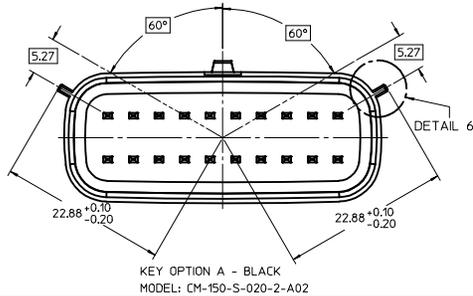
REVISED DEC NO. JAU2014-1786 DRAWN BY CHYD: APPR: WOSHY 2014/05/19 2014/05/21 Y6	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	∇=0 4 PLACES ± --- ± --- ∇=0 3 PLACES ± --- ± --- ∇=0 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.3 ± --- 0 PLACE ± ±	mm      INCH ± ---      ± --- ± 0.10    ± --- ± 0.3      ± --- ±          ±	MM ONLY	4:1	METRIC	DRAWN BY DATE DGRIFFI THS 06/17/2003 CHECKED BY DATE DGRIFFI THS 06/17/2003 APPROVED BY DATE DGRIFFI THS 06/17/2003	TITLE MX150 2X10 RECEPTACLE SEALED ASSEMBLY MAT SEAL molex DOCUMENT NO. SD-33472-201 SHEET NO. 3 OF 7
	ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.	SEE BOM			
	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

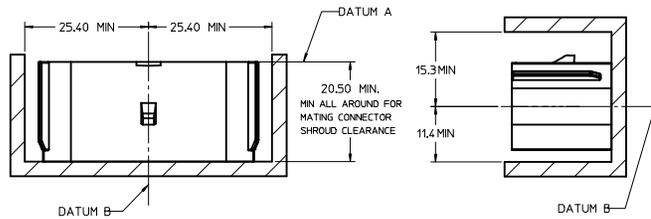




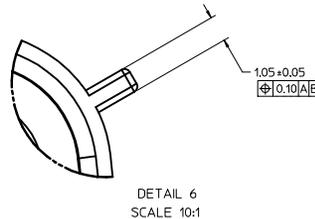
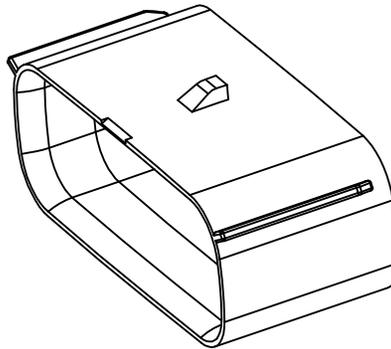
KEYING OPTIONS TABLE



IF HEADER IS RECESSED INTO A POCKET, THESE DIMENSIONS REPRESENT THE MINIMUM CLEARANCE REQUIRED FOR THE MATING CONNECTOR SHROUD.



PACKAGING FRAME

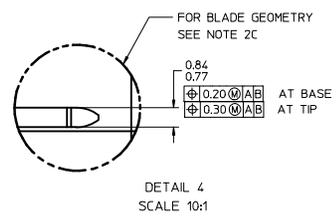
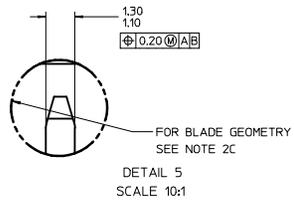
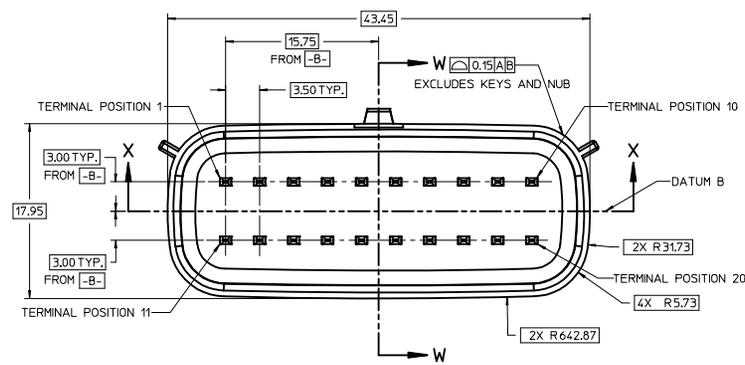
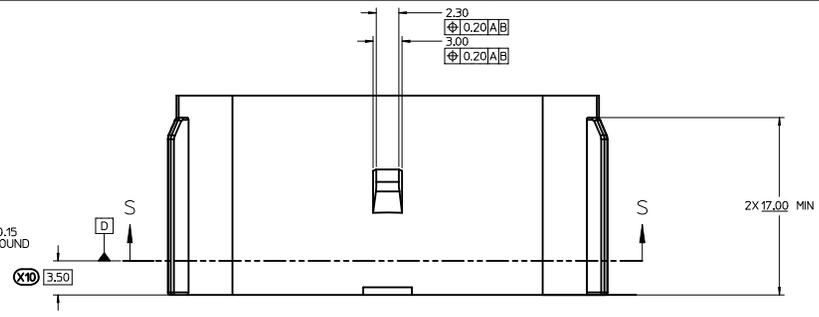
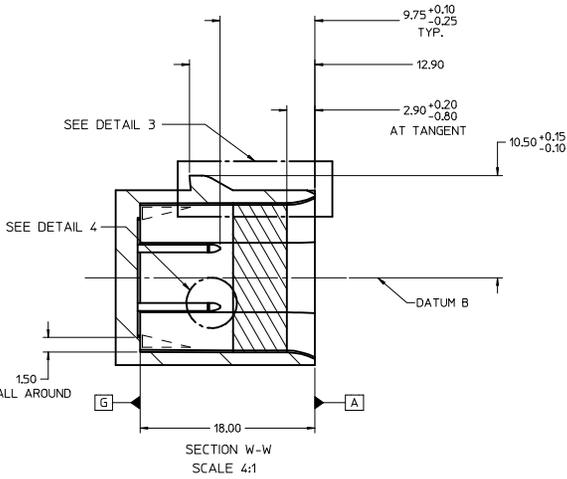
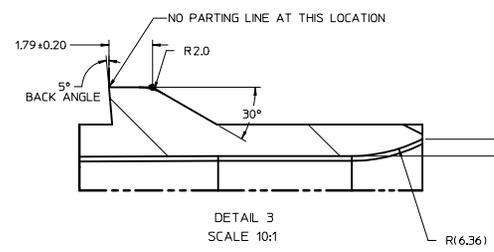


MATING INTERFACE SHEET 1/2

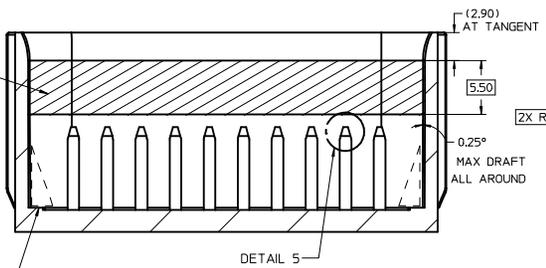
MATING INTERFACE NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
  - a. DESIGNED TO MATE WITH MOLEX CONNECTOR 33472-20XX  
A FULL SHROUD ON THE MATING CONNECTOR IS REQUIRED TO INSURE THAT THE CONNECTOR-HEADER POLARIZATION FEATURES (OPTIONS A THRU D) WILL FUNCTION. THE FULL SHROUD ALSO PREVENTS SCOOP DAMAGE TO THE HEADER PINS. REFER TO SAE/JEDEC-17 CONNECTOR DESIGN GUIDE LINES FOR ADDITIONAL INFORMATION
  - b. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: ES-40000-5016
  - c. FLAMMABILITY REQUIREMENT: PER ISO3795 OR GM3191
    1. BURN RATE: 100MM/MIN MAXIMUM
    2. MATERIAL MUST BE SELF EXTINGUISHING
2. MATERIALS:
  - a. MATERIAL: SPS/NYLON GF20, REGRIND 20% MAX BY WEIGHT
  - b. STANDARD COLORS FOR POLARIZATION (SEE KEYING OPTIONS TABLE). DEVIATION REQUIRES APPROVAL OF AUTHORIZED PERSON
  - c. FOR BLADE BASE MATERIAL, PLATING AND PROCESS LUBRICANT:
    1. TIN - BASE MATERIAL: COPPER ALLOY, CONDUCTIVITY >=60% IACS AT 20°C; TENSILE STRENGTH >= 410 N/mm<sup>2</sup>
    - BARRIER MATERIAL: NICKEL DEPOSIT FROM NICKEL SULFAMATE PLATING SOLUTION W/O ANY ADDITIVES
    - THICKNESS: 2.5 - 4.0 MICROMETERS
    - TOP LAYER: 100% ELECTRO-DEPOSITED TIN, MATTE FINISH
    - THICKNESS: 1.25 - 2.25 MICROMETERS
    2. SILVER - BARRIER MATERIAL: ELECTRO-DEPOSITED DUCTILE SULPHAMATE NICKEL
    - THICKNESS: 1.25 - 2.25 MICROMETERS
    - TOP LAYER: ELECTRO-DEPOSITED SEMI-BRIGHT PURE SILVER (0.5% MAX IMPURITIES) OVER NICKEL ANTI-TARNISH TREATMENT EVERBRIGHT WS
    - THICKNESS: 1.9 - 3.3 MICROMETERS
    3. BLADES MUST CONFORM TO ES-40000-5007, EXCEPT FOR SPECULAR REFLECTIVITY - SECTION 6.0.
    4. ANY PROCESS LUBRICANT REMAINING ON THE TERMINAL MUST NOT VARNISH OR DEGRADE ITS ELECTRICAL PERFORMANCE UP TO A MAXIMUM CLASS AMBIENT TEMPERATURE PER SAE USCAR-2 FOR 1000 HOURS. PROCESS LUBRICANTS SHOULD BE APPROVED BY THE RESPONSIBLE ENGINEER.
    5. INFORMATION FOR BLADE DESIGN WAS DEVELOPED FROM EWCAP DWG: EWCAP-001
3. 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. GENERAL TOLERANCES: SEE TITLE BLOCK
  - d. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
4. MANUFACTURING:
  - a. DRAFT TO BE WITHIN TOLERANCE.  
PLUS DRAFT - INDICATES A DIMENSION REPRESENTS THE SMALLEST SIZE OF A FEATURE. DRAFT WILL ADD MATERIAL.  
MINUS DRAFT - INDICATES A DIMENSION REPRESENTS THE LARGEST SIZE OF A FEATURE. DRAFT WILL REMOVE MATERIAL.
  - b. ALLOWABLE FLASH MAX 0.20 HIGH BY MAX 0.19 THICK.
  - c. ALLOWABLE SPLIT/PARTING LINE MISMATCH 0.2 MAX.
  - d. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)
  - e. NO EXTERNAL MOLD RELEASE AGENT ALLOWED DURING MANUFACTURING
  - f. NO PARTING LINES, NO DRAFT, MISMATCHES OR EJECTOR MARKS PERMISSIBLE WITHIN SEALING SURFACE. SEALING SURFACE TOOLING TO BE PROCESSED TO A SURFACE FINISH OF NTMA #70 (400 PAPER) MINIMUM

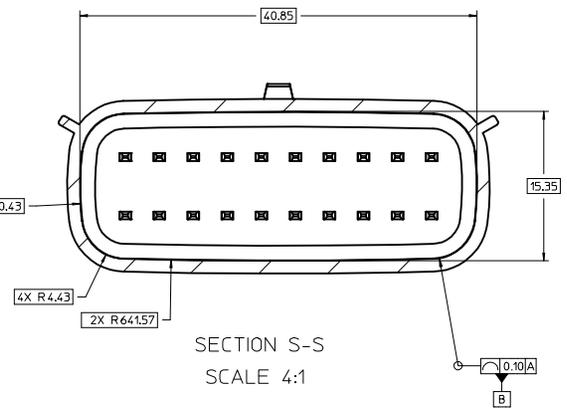
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	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± 3 °		MATERIAL NO.: SEE BOM		DOCUMENT NO.: SD-33472-201	
	SIZE: D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO.: 6 OF 7		MOLEX MX150 2X10 RECEPTACLE SEALED ASSEMBLY MAT SEAL	



SURFACE MUST BE FREE OF SURFACE DEFECTS AND PARTING LINES FOR SEALING ALL AROUND AND NO DRAFT



SECTION X-X  
SCALE 4:1



SECTION S-S  
SCALE 4:1

REVISED ECC NO: UAU2014-1786 DRAWN BY: CHYK CHKD: Y6 APPR: WOSHY REV	DESCRIPTION 2014/05/19 2014/05/21	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		▽=0	▽=0	▽=0	mm	INCH	MM ONLY	2:1	METRIC	☉
		4 PLACES ±---	±---	4 PLACES ±---	±---	DRAWN BY: DGRIF	DATE: 06/17/2003	TITLE: MX150 2X10 RECEPTACLE SEALED ASSEMBLY MAT SEAL		
		3 PLACES ±---	±---	3 PLACES ±---	±---	CHECKED BY: DGRIF	DATE: 06/17/2003	MATERIAL NO. SEE BOM		
		2 PLACES ±0.10	±---	2 PLACES ±0.10	±---	APPROVED BY: DGRIF	DATE: 06/17/2003	DOCUMENT NO. SD-33472-201		
		1 PLACE ±0.3	±---	1 PLACE ±0.3	±---			SHEET NO. 7 OF 7		
		0 PLACE ±	±	0 PLACE ±	±			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 AND BOM
2	CONFIGURATIONS
3-4	KEY CONFIGURATIONS
5	BLADE SEALED ASSEMBLY
6	SYSTEM PACKAGING

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 RECEPTACLE SEALED ASSEMBLY AS SPECIFIED IN THE MATING 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: PS-33472-000  
 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: PK-31300-635

d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: OEHS-699000-300

e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)

2. DESIGN - MATERIALS:

a. SEE BOM TABLE IN SD-33482-0002

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.

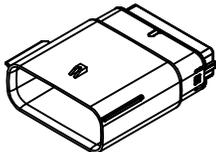
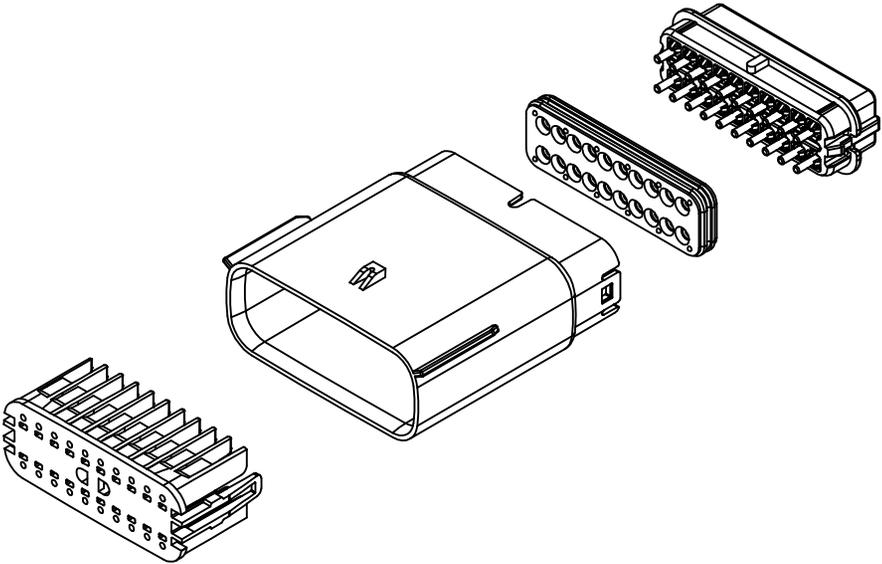
f. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B).

g. LASER MARKING:

1. PART NUMBER  
 2. DAY OF THE YEAR  
 3. SHIFT  
 4. YEAR

FOR ADDITIONAL INFORMATION SEE SECTION 5 UNDER PROCEDURES IN ES-34735-008.

MATING CONNECTOR DRAWINGS	
DESCRIPTION	MOLEX INLINE
2X2	SD-33472-041
2X3	SD-33472-061
2X4	SD-33472-081
2X6	SD-33472-121
2X8	SD-33472-161
2X10	SD-33472-201

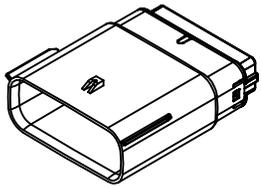


2x10

INSPECTION NUMBER LOG	
LAST NUMBER: 9	A
ADDED:	INITIAL RELEASE
REMOVED:	

ENTER DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		DRAWN BY	DATE	TITLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	SHEET NO.
		mm	INCH	MM ONLY								
LEC NO: UA02014-1671	▽=0	4 PLACES	± .---	± .---	MM ONLY	APPROFFITT	2014/04/28	MX150 BLADE	1.5:1	METRIC	THIRD ANGLE PROJECTION	1 OF 6
DRWNAFFROFFITT 2014/04/28	▽=0	3 PLACES	± .---	± .---		CHECKED BY	DATE	DUAL ROW SEALED ASSEMBLY				
CHKOKBORUSZEWSKI 2014/04/29	▽=0	2 PLACES	± 0.10	± .---		KBORUSZEWSKI	2014/04/29	MAT SEAL				
APPRVKOSHY 2014/05/14	▽=0	1 PLACE	± 0.2	± .---		APPROVED BY	DATE	<b>molex</b>				
		0 PLACE	± .---	± .---		VKOSHY	2014/05/14					
		ANGULAR ± 1 °				MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE NOTE 2a.						
						SIZE						
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

**SHEET DESCRIPTION**  
CONFIGURATIONS



2X10 - STANDARD (STD)

<b>ENTER DESCRIPTION</b> EC NO: UAU2014-1671 DRAWN/APPROV ITT 2014/04/28 CHKORBORUSZEWSKI 2014/04/29 APPR:VKOSHY 2014/05/14	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE <b>2.5:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION							
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.10 ± ---	1 PLACE ± 0.2 ± ---	0 PLACE ± --- ± ---	ANGULAR ± 1 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY DATE APROFFITT 2014/04/28	CHECKED BY DATE KBORUSZEWSKI 2014/04/29	APPROVED BY DATE VKOSHY 2014/05/14	TITLE <b>MX150 BLADE DUAL ROW SEALED ASSEMBLY MAT SEAL</b>	MATERIAL NO. <b>SEE NOTE 2a.</b>	DOCUMENT NO. <b>SD-33482-0001</b>	SHEET NO. 2 OF 6
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
		SIZE 1													

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

**SHEET DESCRIPTION**  
KEY CONFIGURATIONS

2X2 (SEE SD-33482-041)

2X3 (SEE SD-33482-061)

2X4 (SEE SD-33482-081)

<b>ENTER DESCRIPTION</b> EC NO: UA12014-1671 DRWN:APROFF ITT 2014/04/28 CHKD:KBORUSZEWSKI 2014/04/29 APPR:VKOSHY 2014/05/14	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE <b>3:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION					
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.10 ± ---	1 PLACE ± 0.2 ± ---	0 PLACE ± --- ± ---	ANGULAR ± 1 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. <b>SEE NOTE 2a.</b>	DOCUMENT NO. <b>SD-33482-0001</b>	SHEET NO. <b>3 OF 6</b>	
		DRAWN BY APROFF ITT		DATE 2014/04/28		CHECKED BY KBORUSZEWSKI		DATE 2014/04/29		APPROVED BY VKOSHY		DATE 2014/05/14	
		TITLE <b>MX150 BLADE DUAL ROW SEALED ASSEMBLY MAT SEAL</b>										<b>molex</b>	
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

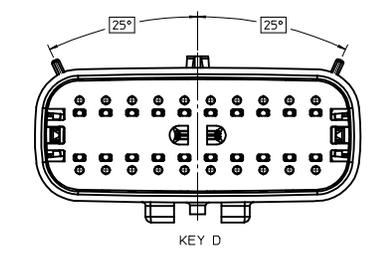
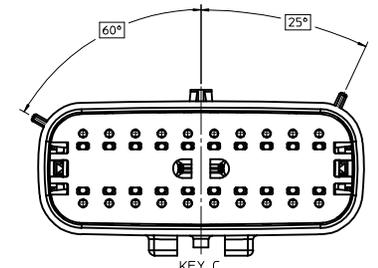
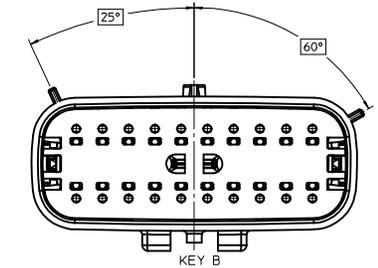
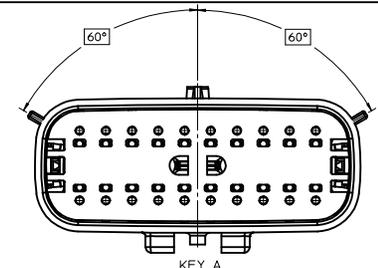
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**SHEET DESCRIPTION**  
KEY CONFIGURATIONS CONT.

**2X6 (SEE SD-33482-121)**

**2X8 (SEE SD-33482-161)**

**2X10**



REV	DESCRIPTION	QUALITY SYMBOLS	
		mm	INCH
▽=0			
▽=0			
▽=0			

<b>ENTER DESCRIPTION</b>	
EC NO: UA02014-1671	2014/04/28
DRAWN BY: APPOFFITT	2014/04/29
CHECKED BY: KBORUSZEWSKI	2014/05/14
APPROVED BY: VKOSHY	2014/05/14

GENERAL TOLERANCES (UNLESS SPECIFIED)	
4 PLACES	± 0.10
3 PLACES	± 0.15
2 PLACES	± 0.20
1 PLACE	± 0.25
0 PLACE	± 0.30
ANGULAR ± 1°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
APPROFFITT	2014/04/28
CHECKED BY	DATE
KBORUSZEWSKI	2014/04/29
APPROVED BY	DATE
VKOSHY	2014/05/14
MATERIAL NO.	
SEE NOTE 2a.	

SCALE	3:1	DESIGN UNITS	METRIC	THIRD ANGLE PROJECTION
TITLE				
MX150 BLADE DUAL ROW SEALED ASSEMBLY MAT SEAL				
molex				
DOCUMENT NO.	SD-33482-0001	SHEET NO.	4 OF 6	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

1d\_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

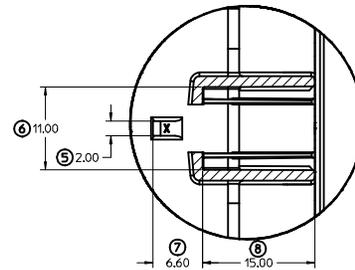
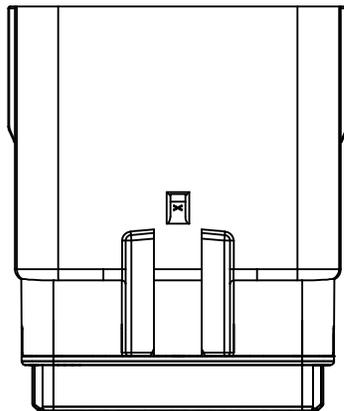
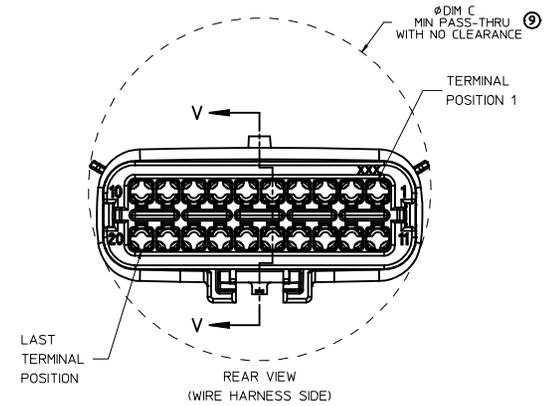
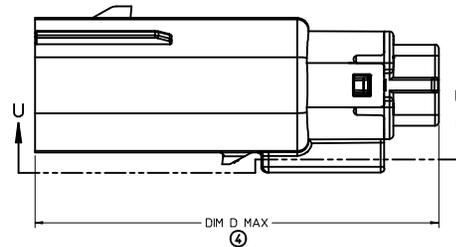
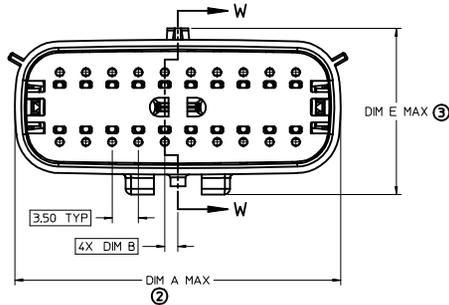
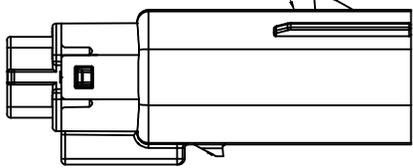
**SHEET DESCRIPTION**

BLADE SEALED ASSEMBLY

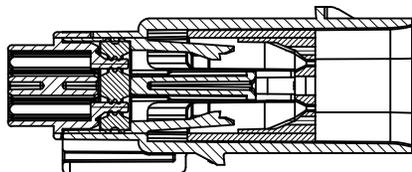
**CHARTED DIMENSIONS**

DESCRIPTION	DIMENSIONS				
	A	B	C	D	E
2X10	43.64	1.75	45.65	54.45	22.05

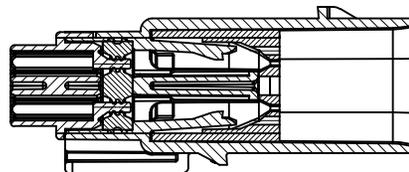
OPTIONAL LASER MARKING ON THIS SURFACE SEE NOTE 3g.



Partial U-U  
SCALE 3:1



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



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN IN FINAL-LOCK POSITION  
SECTION V-V

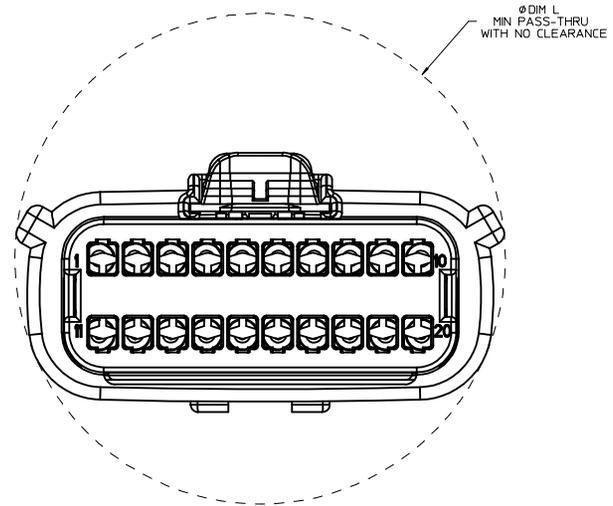
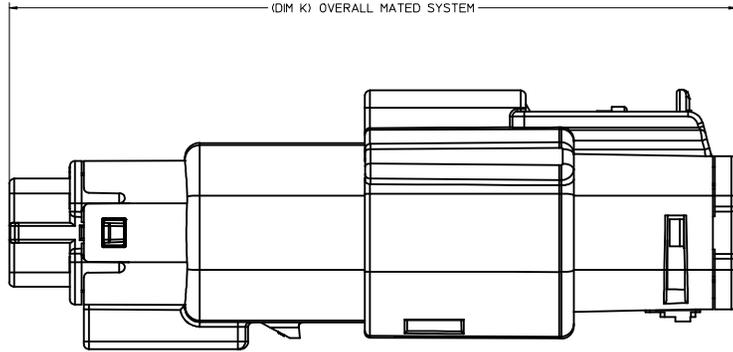
<b>ENTER DESCRIPTION</b> IEC NO: UAU2014-1671 DRAWN BY: APROFF ITT 2014/04/28 CHKD BY: KBORUSZEWSKI 2014/04/29 APPR: VKOSHY 2014/05/14	<b>QUALITY SYMBOLS</b> ∇=0 ∇=0 ∇=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		<b>DIMENSION STYLE</b> MM ONLY	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.10 ± ---	1 PLACE ± 0.2 ± ---	0 PLACE ± --- ± ---	DRAWN BY DATE APROFF ITT 2014/04/28	CHECKED BY DATE KBORUSZEWSKI 2014/04/29	APPROVED BY DATE VKOSHY 2014/05/14
		ANGULAR ± 1 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE NOTE 2a.	DOCUMENT NO. SD-33482-0001	SHEET NO. 5 OF 6	
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

**SHEET DESCRIPTION**

SYSTEM PACKAGING

**CHARTED DIMENSIONS**

CKT	BLADE CONFIGURATION	RECEPTACLE CONFIGURATION	DIMENSIONS	
			K	L
2X10	STANDARD	STANDARD	72.78	49.05



<b>ENTER DESCRIPTION</b> EC NO: UA02014-1671 DRAWN BY: ITT 2014/04/28 CHKD BY: KBORUSZEWSKI 2014/04/29 APPR BY: VKOSHY 2014/05/14	<b>QUALITY SYMBOLS</b> ∇=0 ∇=0 ∇=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		<b>DIMENSION STYLE</b> MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- 0 PLACE ± --- ± ---	mm    INCH	DRAWN BY    DATE APPROFF ITT    2014/04/28	TITLE MX150 BLADE DUAL ROW SEALED ASSEMBLY MAT SEAL		
		ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE NOTE 2a.	CHECKED BY    DATE KBORUSZEWSKI 2014/04/29	DOCUMENT NO. SD-33482-0001		
		SIZE 1	APPROVED BY    DATE VKOSHY    2014/05/14	SHEET NO. 6 OF 6			



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