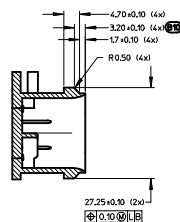
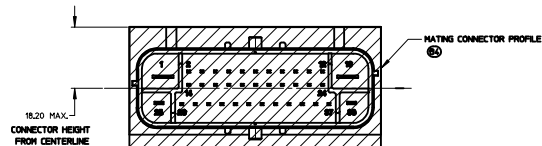
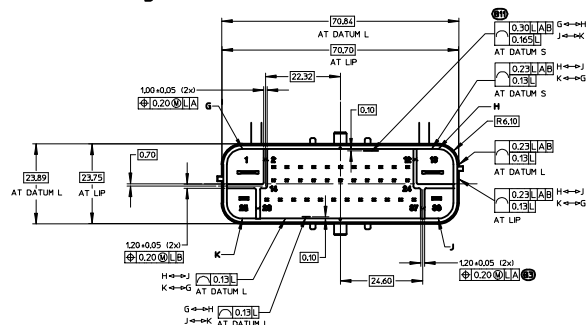
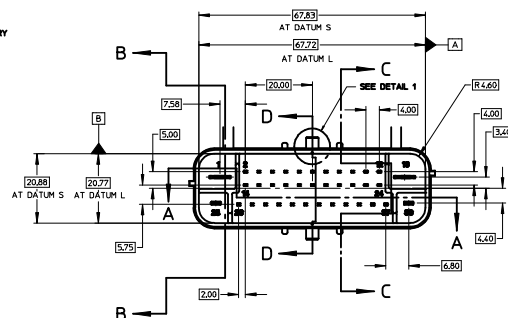
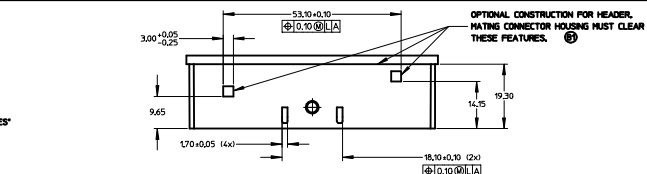


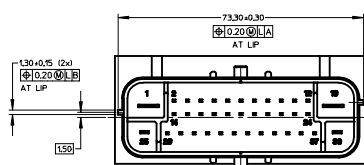
1. ALL DIMENSIONS SHOWN IN MILLIMETERS.
2. DIMENSIONING AND TOLERANCING PER ASME Y14.5-1994.
3. RADI ON ALL CORNERS SHOWN SHARP OR ALL UNSPECIFIED RADI 0.25 EXCEPT AS NOTED.
4. REFER TO "SAE/JE16-12 CONNECTOR DESIGN GUIDELINES" FOR ADDITIONAL INFORMATION.
5. 0.25 DEGREE DRAFT ON ALL INSIDE SURFACES, UNLESS OTHERWISE SPECIFIED.
6. STANDARD COLORS FOR POLARIZATION - DEVIATION REQUIRES APPROVAL OF AUTHORIZED PERSON.
7. REFER TO DRAWING ENCAP-001 FOR TERMINAL GEOMETRY AND PLATING DETAILS.



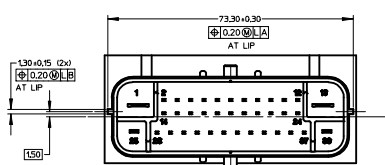
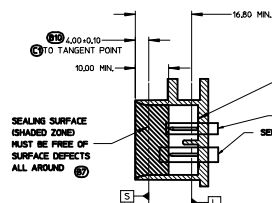
SECTION C-C



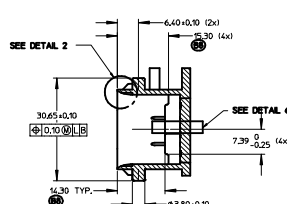
999-S-036-C01	C	BROWN
999-S-036-B01	B	GRAY
999-S-036-A01	A	BLACK
USCAR PART NO.	OPTION	COLOR



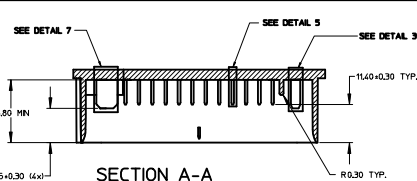
POLARIZATION 'A'

POLARIZATION 'B' 

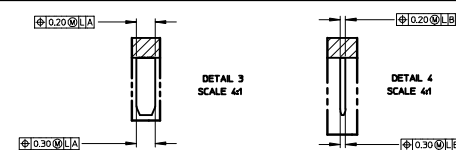
SECTION B-B



SECTION D-D

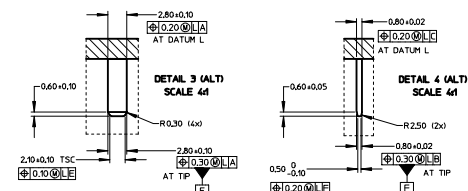


SECTION A-A



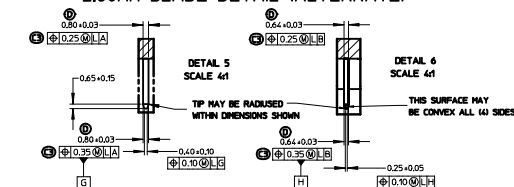
2.80MM BLADE DETAIL

SEE DRAWING EWCAP-001
FOR DETAILS



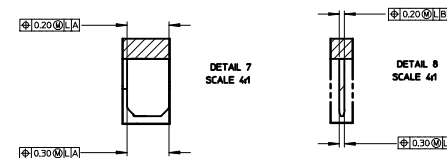
2.80MM BLADE DETAIL (ALTERNATE) 82

E) 82



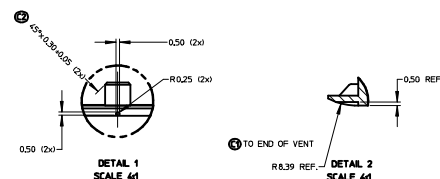
0.80X0.64MM BLADE DETAIL®

(ABS INTERFACE ONLY)



6.30MM BLADE DETAIL

SEE DRAWING EWCAP-001
FOR DETAILS



SCALE 4s1

SCALE 4:1

TO BE DETERMINED

POLARIZATION 'C'



050	D	REVISED 0.044in x 0.006in PIN SIZE TOLERANCE +0.03	03/27/2005	HCD	BBW
	C3	REVISED 0.044in POS. 0.25 BASE/0.35 TP CHANGED DIMENSION 0.044in/0.35in			
0511	D	CHANGED LOCATION OF TANGENT POINT INCREASED TOLERANCE ON LONG SIDES	10/02/2004	HCD	BBW
091	B	DIMENSION FEATURES TO FRONT OF SHOULDER			
09	B	REVISED 0.021 ON 0.000/0.04 SLIDE			
06	A	CHANGED CRUIZER HEIGHT			
07	A	ADDED SEALING AREA DESCRIPTION			
06	A	REMOVED ENCAP FROM TITLE BLOCK			
05	A	ADDED POLARIZATION 'P'			
04	A	ADDED MATING CONA, PROFILE			
03	A	CHANGED DIMMER WALL TOLERANCE TO 0.20			
02	A	ADDED OPTIONAL, BLADE CONSTRUCTION			
0031	B1	ADDED STANDOFF MBS	12/09/2003	HCD	BBW
	A	RELEASED	06/25/2003	HCD	BBW
CHANGE TO	LET	REVISION RECORD	DATE	DWN	CHK
TOLERANCES UNLESS OTHERWISE SPECIFIED:					
DIMENSIONS ARE IN INCHES					
ANGLES - °"					
X - 0.025			X1 - 0.015		
SCALE 2:1 DRAWN BY: DANIELS			CHECKED BY: WELSON DATE: 08/25/2003		
38 CRUIZER ASSEMBLY INTERFACE - OPTION 2					
ISSUED FOR: 9999-S-038-3-201 DATE: 06/25/2003					
PROJECT NO. 9999-S-038-3-201 DATE 06/25/2003					
REVISION LEVEL 0					

TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES AND BOM
2	CONFIGURATIONS
3	RECEPTACLE CONNECTOR ASSEMBLY
4	WIRE SHIELD

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. CONNECTOR TO BE SHIPPED WITH TPA IN PRE-LOAD POSITION AS SHOWN IN SECTION Z-Z.

2. ALL TEXT TO BE CLEARLY LEGIBLE AND 1.50MM MIN. HEIGHT.
MARKING ORIENTATION MAY BE PARALLEL TO THE LENGTH OF THE PART, AS SHOWN,
OR PERPENDICULAR TO THE LENGTH OF THE PART.

DATE CODE DESCRIPTION:
-1st THROUGH 3rd DIGIT = "DAY#" OF THE CALENDAR YEAR. (EXAMPLE FEB, 3rd = '034')
-LAST DIGIT = LAST DIGIT OF CALENDAR YEAR. (EXAMPLE: 2000 = '0')
SERIAL NUMBER DESCRIPTION:
-FIRST CHARACTER "M." = ASSEMBLY MACHINE NUMBER
-FOLLOWING NUMBER STARTS AT "00001" AND IS RESET FOR EACH NEW "DAY#".
MOLEX PART NUMBER:
- SEE TABLE

3. DIMENSIONS NOT SHOWN CAN BE OBTAINED FROM THE ASSOCIATED MODEL.

4. GENERAL:
a. APPLICATION SPECIFICATION SEE: AS-31380-001
-CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY,
HARNESS ASSEMBLY, CONNECTOR MATING,
AND SERVICE INSTRUCTIONS.
-DESIGNED TO MATE WITH DEVICE AS SPECIFIED
IN THE MATING INTERFACE DRAWINGS CHART.
*DENOTES DRAWINGS THAT CAN BE ACCESSED AT <<http://ewcap.uscarteams.org/>>.

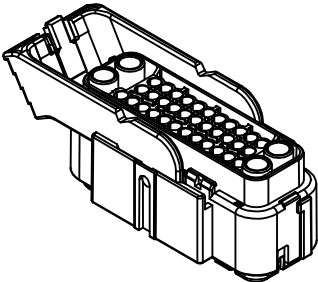
b. PRODUCT SPECIFICATION SEE: PS-31380-100
CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY,
RATINGS (CURRENT AND TEMPERATURE),
TERMINALS, WIRE DIAMETER RANGE, PRODUCT VALIDATION, AND PRODUCT DEVIATIONS.
c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31300-550
d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR
PRODUCTS AND PACKAGING SPECIFICATION: QEH5-699000-300
e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS
(COMPANY ID#13255)

5. DESIGN - MATERIALS:
a. SEE BOM TABLE IN SD-31380-0002

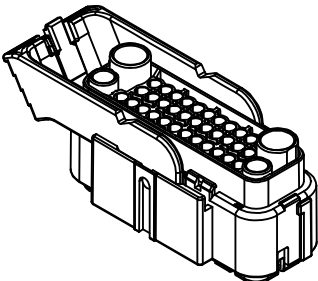
6. DESIGN - GEOMETRY:
a. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND MASTER FOR THIS PART
WITH THE EXCEPTION OF UNDERLINED DIMENSIONS. DIMENSIONAL INFORMATION NOT SHOWN
ON THIS DRAWING IS DEFINED BY THE DATA FILE AT ITS LATEST REVISION.
b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
e. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B).

7. MUST BE USED WITH WIRE SHIELD - MOLEX PART NUMBER 31382-1001. WIRE SHIELD SHIPPED
SEPARATELY.

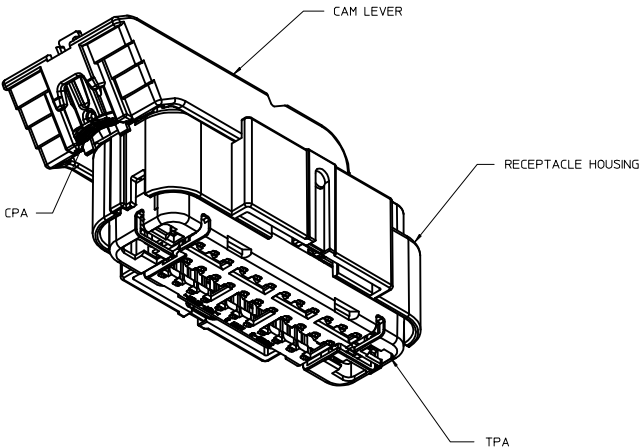
MATING INTERFACE DRAWINGS	
SERIES	INTERFACE DEFINITION
31380	*999-S-038-3-Z01
31381	*999-S-038-3-Z02



31381 SERIES



31380 SERIES

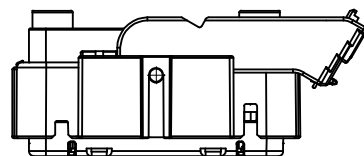
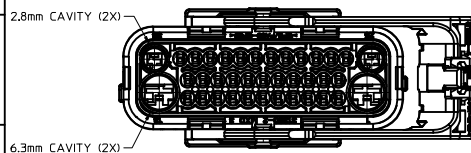


INSPECTION NUMBER LOG			
LAST NUMBER: 2		A	
ADDED:		INITIAL RELEASE	
REMOVED:		REV	
DIMENSION STYLE MM ONLY		SCALE 1.5:1	DESIGN UNITS METRIC
DRAWN BY APPROFFITT		DATE 2014/06/26	TITLE USCAR 38 WAY HYBRID RCPT SEALED ASSEMBLY
CHECKED BY		DATE	
APPROVED BY VKOSHY		DATE 2014/06/30	
MATERIAL NO.		DOCUMENT NO. SD-31380-0001	SHEET NO. 1 OF 4
SIZE A 1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

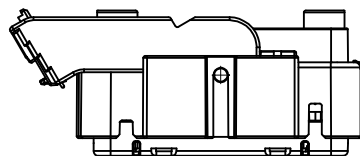
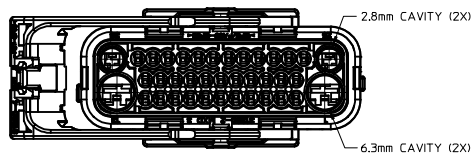
ENTER DESCRIPTION EC NO: UAU2014-1972 DRAWNAPROFFITT 2014/06/26 CHKOKRIZZI 2014/06/27 APPROVKOSHY 2014/06/30	REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS
			mm	INCH	
DESCRIPTION	▽=0	4 PLACES	±.---	±.---	ANGULAR ± 1 °
	▽=0	3 PLACES	±.---	±.---	
	▽=0	2 PLACES	±0.13	±.---	
	▽=0	1 PLACE	±0.25	±.---	
		0 PLACE	±.---	±.---	

SHEET DESCRIPTION

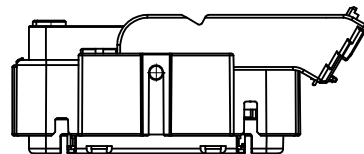
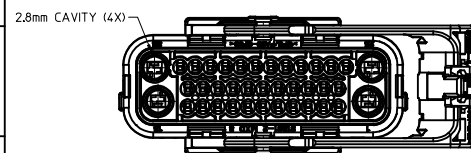
CONFIGURATIONS



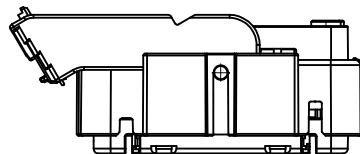
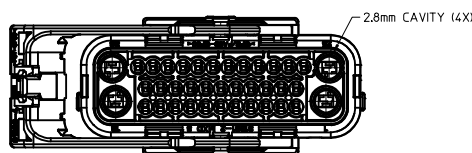
31380-10XX
TYPE II HARNESS ASSEMBLY
COUNTERCLOCKWISE LEVER THROW



31380-11XX
TYPE II HARNESS ASSEMBLY
CLOCKWISE LEVER THROW



31381-10XX
TYPE I HARNESS ASSEMBLY
COUNTERCLOCKWISE LEVER THROW



31381-11XX
TYPE I HARNESS ASSEMBLY
CLOCKWISE LEVER THROW

ENTER DESCRIPTION
EC NO: UAU2014-1972
DRAWN BY: APROFFITT
CHKD BY: CRIZZ
APPR: WKSHY

2014/06/26
2014/06/27
2014/06/30

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.13 ± ---
1 PLACE ± 0.25 ± ---
0 PLACE ± --- ± ---
ANGULAR ± 1 °
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY: APROFFITT
CHECKED BY: WKSHY
APPROVED BY: WKSHY
DATE: 2014/06/26
DATE: 2014/06/30
MATERIAL NO.
SEE NOTE 5a.

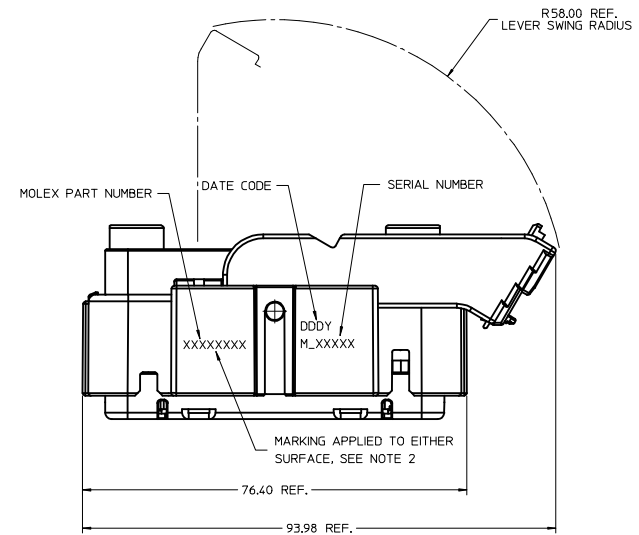
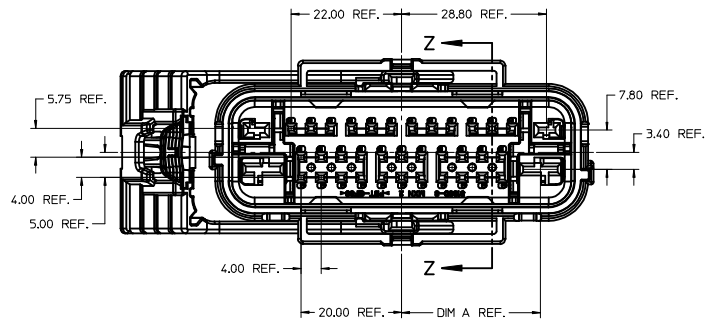
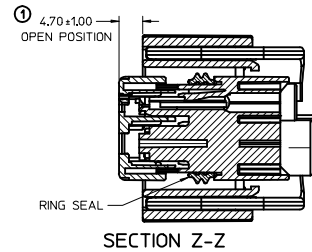
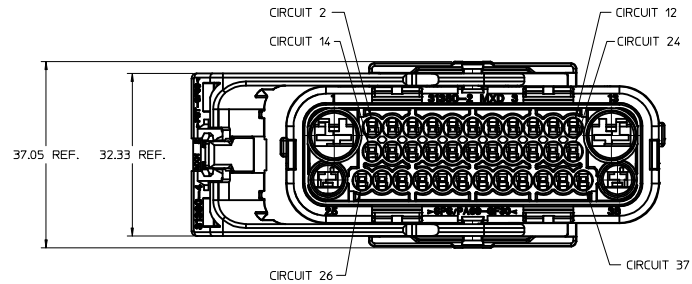
SCALE: 1.5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION
TITLE: USCAR 38 WAY HYBRID RCPT SEALED ASSEMBLY
DOCUMENT NO.: SD-31380-0001
SHEET NO.: 2 OF 4
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SHEET DESCRIPTION

RECEPTACLE CONNECTOR ASSEMBLY

CHARTED DIMENSIONS

SERIES	DIMENSION
	A
31380	27.58
31381	27.90

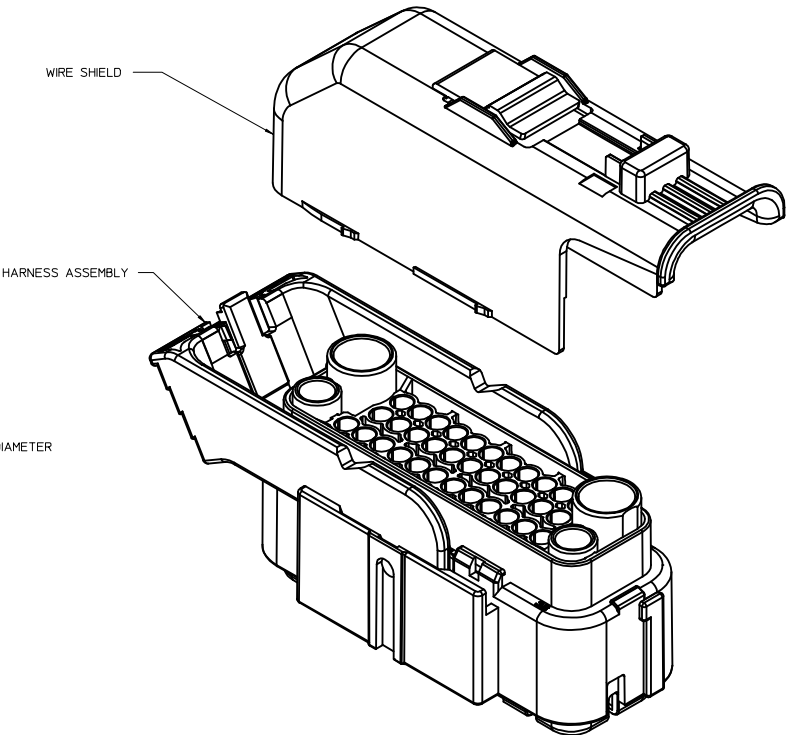
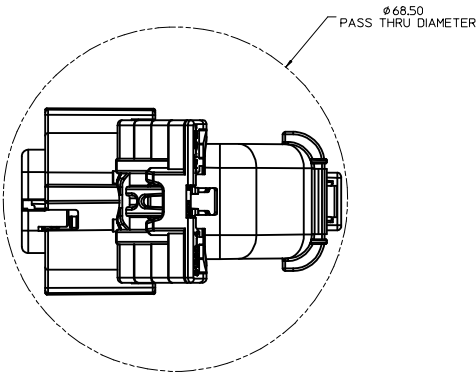
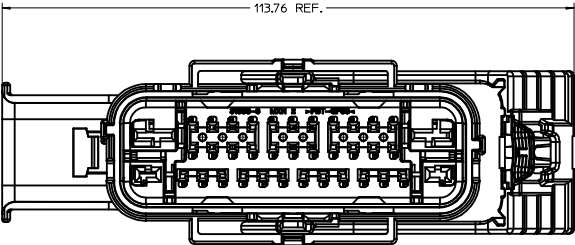


ENTER DESCRIPTION EC NO: UAU2014-1972 DRAWN: APROFFITT CHKD: CRIZZI APPR: VKOSHY	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION REV	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	USCAR 38 WAY HYBRID RCPT SEALED ASSEMBLY	
					DRAWN BY DATE		TITLE				
			4 PLACES ± --- ± ---		APPROFFITT		2014/06/26				
			3 PLACES ± --- ± ---		CHECKED BY		DATE				
			2 PLACES ± 0.13 ± ---		APPROVED BY		DATE				
			1 PLACE ± 0.25 ± ---		VKOSHY		2014/06/30				
			0 PLACE ± --- ± ---		MATERIAL NO.		DOCUMENT NO.				
			ANGULAR ± 1 °		SEE NOTE 5a.		SD-31380-0001				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE 1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

SHEET DESCRIPTION
WIRE SHIELD

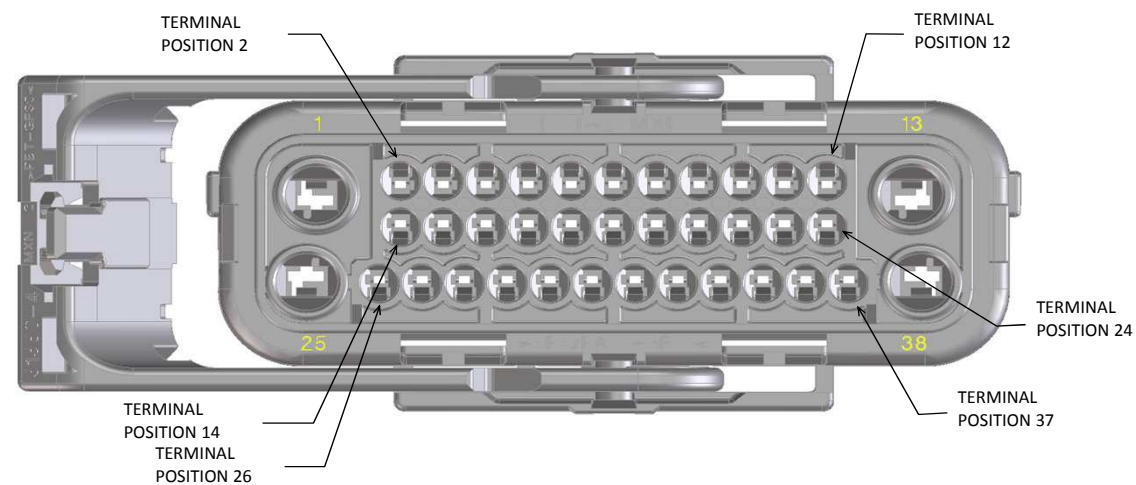
WIRESHIELD NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
a. APPLICATION SPECIFICATION SEE: AS-31380-001
-WIRE SHIELD (MOLEX PART NUMBER 31382-1001) MUST BE USED WITH HARNESS ASSEMBLY
-WIRE SHIELD SHIPPED SEPARATELY
-FOR ADDITIONAL INFORMATION SEE THE WIRE SHIELD COMPONENT DRAWING SD-31382-100.

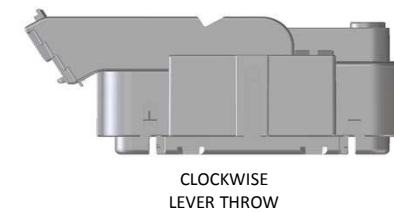
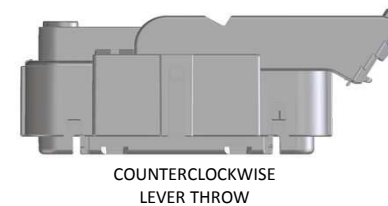


ENTER DESCRIPTION EC NO: UAU2014-1972 DRAWN BY: A1 P AM T CHKD BY: IZZI APPR: VKOSHY		DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2.5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE USCAR 38 WAY HYBRID RCPT SEALED ASSEMBLY	DOCUMENT NO. SD-31380-0001	SHEET NO. 4 OF 4
				mm INCH		DRAWN BY DATE APROFFITT 2014/06/26		APPROVED BY DATE VKOSHY 2014/06/30					
				4 PLACES ± --- ± ---		CHECKED BY DATE							
				3 PLACES ± --- ± ---									
A				2 PLACES ± 0.13 ± ---		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE NOTE 5a.		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
				1 PLACE ± 0.25 ± ---									
				0 PLACE ± --- ± ---									
				ANGULAR ± 1 °									

[illegible]



ABBREVIATION	DESCRIPTION	COLOR	MATERIAL
A1-BLK	HOUSING, KEYING OPTION A, TYPE I	BLACK	SPS/NYLON GF30
TPA-1	TPA, TYPE I	NATURAL	PBT GF30
CL	CAM LEVER	BLACK	PBT GF30
CPA	CPA	RED	PPE/PA GF10
R	RING SEAL	RUST RED	INHERENTLY LUBRICATED SILICONE
CCW	COUNTERCLOCKWISE LEVER THROW		
CW	CLOCKWISE LEVER THROW		



FOR ADDITIONAL INFORMATION SEE SD-31380-0001

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT						BLOCKED TERMINALS																																					STATUS	COMMENTS	WIRE SHIELD SHIPPED 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																																								
		HOUSING KEY/COLOR	TPA	CAM LEVER	CPA	RING SEAL	LEVER THROW	2	3	4	5	6	7	8	9	10	11	12	14	15	16	17	18	19	20	21	22	23	24	26	27	28	29	30	31	32	33	34	35	36	37							
KEY A, BLACK, CCW THROW	31381-1000	A1-BLK	TPA-1	CL	CPA	R	CCW	2	3	4	5	6	7	8	9	10	11	12	14	15	16	17	18	19	20	21	22	23	24	26	27	28	29	30	31	32	33	34	35	36	37	SALEABLE		31382-1001				
KEY A, BLACK, CCW THROW	31381-1001	A1-BLK	TPA-1	CL	CPA	R	CCW																																				SALEABLE		31382-1001			
KEY A, BLACK, CCW THROW	31381-1002	A1-BLK	TPA-1	CL	CPA	R	CCW	2	3	4	5		7	8	9	10	11	12			16					20	21		23	24								32	33			36	37	SALEABLE		31382-1001		
KEY A, BLACK, CCW THROW	31381-1003	A1-BLK	TPA-1	CL	CPA	R	CCW						7	8	9	10	11	12							20	21		23	24								32	33			36	37	SALEABLE		31382-1001			
KEY A, BLACK, CCW THROW	31381-1005	A1-BLK	TPA-1	CL	CPA	R	CCW						7	8	9							17						22	23												36		SALEABLE		31382-1001			
KEY A, BLACK, CCW THROW	31381-1006	A1-BLK	TPA-1	CL	CPA	R	CCW			4	5		7	8	9							17						22	23												36		SALEABLE		31382-1001			
KEY A, BLACK, CCW THROW	31381-1009	A1-BLK	TPA-1	CL	CPA	R	CCW						7									17																			36		SALEABLE		31382-1001			
KEY A, BLACK, CCW THROW	31381-1010	A1-BLK	TPA-1	CL	CPA	R	CCW	2	3	4		6			9	10	11	12	14			17	18			21				24						31	32	33						SALEABLE		31382-1001		
KEY A, BLACK, CCW THROW	31381-1011	A1-BLK	TPA-1	CL	CPA	R	CCW					6			9							17	18			21																		SALEABLE		31382-1001		
KEY A, BLACK, CCW THROW	31381-1012	A1-BLK	TPA-1	CL	CPA	R	CCW	2	3	4			7	8	9	10	11	12			16	17					22	23												35	36			SALEABLE		31382-1001		
KEY A, BLACK, CCW THROW	31381-1013	A1-BLK	TPA-1	CL	CPA	R	CCW	2	3	4			7	8	9	10	11	12			16	17					22													35	36			SALEABLE		31382-1001		
KEY A, BLACK, CCW THROW	31381-1014	A1-BLK	TPA-1	CL	CPA	R	CCW	2	3	4			7	9			11	12	14	15	16			19						26	27	28	29	30	31	32	33	34	35	36	37			SALEABLE		31382-1001		
KEY A, BLACK, CCW THROW	31381-1015	A1-BLK	TPA-1	CL	CPA	R	CCW		3	4			7	8	9							17					22	23													36				SALEABLE		31382-1001	
KEY A, BLACK, CCW THROW	31381-1016	A1-BLK	TPA-1	CL	CPA	R	CCW	3	4				7	8	9						17					22	23																	SALEABLE		31382-1001		
KEY A, BLACK, CCW THROW	31381-1017	A1-BLK	TPA-1	CL	CPA	R	CCW					6			9							17	18			21																		SALEABLE		31382-1001		
KEY A, BLACK, CCW THROW	31381-1018	A1-BLK	TPA-1	CL	CPA	R	CCW		3		5		7								16	17					22	23														36				SALEABLE		31382-1001
KEY A, BLACK, CCW THROW	31381-1020	A1-BLK	TPA-1	CL	CPA	R	CCW	2		4			7	9	10	11	12	14	15	16				19	20		22	23		24	26	27	28	29	30	31	32	33	34	35	36	37			SALEABLE		31382-1001	
KEY A, BLACK, CCW THROW	31381-1021	A1-BLK	TPA-1	CL	CPA	R	CCW	2	3	4			7	9	10	11	12			16	17						22	23																	SALEABLE		31382-1001	
KEY A, BLACK, CCW THROW	31381-1022	A1-BLK	TPA-1	CL	CPA	R	CCW	2		4			7	9				14						19						26	27	28	29	30	31	32	33	34	35	36	37			SALEABLE		31382-1001		
KEY A, BLACK, CCW THROW	31381-1023	A1-BLK	TPA-1	CL	CPA	R	CCW	2		4			7	9			11	14						19						26	27	28	29	30	31	32	33	34	35	36	37			SALEABLE		31382-1001		
KEY A, BLACK, CCW THROW	31381-1024	A1-BLK	TPA-1	CL	CPA	R	CCW	2		4			7	9			11	14	15	16									26	27	28	29	30	31	32	33	34	35	36	37			SALEABLE		31382-1001			
KEY A, BLACK, CCW THROW	31381-1025	A1-BLK	TPA-1	CL	CPA	R	CCW						7	8		10					16			19	20				26	27				30										SALEABLE		31382-1001		
KEY A, BLACK, CCW THROW	31381-1026	A1-BLK	TPA-1	CL	CPA	R	CCW	2					7	9	10			14	15	16				19	20		22	23	24	26	27	28	29	30	31	32	33	34	35	36	37			SALEABLE		31382-1001		
KEY A, BLACK, CCW THROW	31381-1027	A1-BLK	TPA-1	CL	CPA	R	CCW		3	4	5		7	8	9		11					17					22	23																	SALEABLE		31382-1001	
KEY A, BLACK, CCW THROW	31381-1028	A1-BLK	TPA-1	CL	CPA	R	CCW		3	4			7	8	9		11					17					22	23																	SALEABLE		31382-1001	
KEY A, BLACK, CCW THROW	31381-1029	A1-BLK	TPA-1	CL	CPA	R	CCW	2			5		7			10	11		14						20		22											32		34	35					SALEABLE		31382-1001
KEY A, BLACK, CCW THROW	31381-1030	A1-BLK	TPA-1	CL	CPA	R	CCW	2			5		7			10	11		14						20		22																			SALEABLE		31382-1001
KEY A, BLACK, CCW THROW	31381-1031	A1-BLK	TPA-1	CL	CPA	R	CCW	2	3	4			7	9			11	12	14	15	16			19						24	26	27	28	29	30	31	32	33	34	35	36	37			SALEABLE		31382-1001	
KEY A, BLACK, CCW THROW	31381-1032	A1-BLK	TPA-1	CL	CPA	R	CCW	2			5		7	8	9	10			14			17			19	20	21	22	23	24	26	27	28	29	30	31	32	33	34	35	36	37			SALEABLE		31382-1001	
KEY A, BLACK, CW THROW	31381-1100	A1-BLK	TPA-1	CL	CPA	R	CW																																							SALEABLE		31382-1001
KEY A, BLACK, CW THROW	31381-1101	A1-BLK	TPA-1	CL	CPA	R	CW	2	3	4	5	6	7	8	9	10	11	12	14	15	16	17	18	19	20	21	22	23	24	26	27	28	29	30	31	32	33	34	35	36	37			SALEABLE		31382-1001		
KEY A, BLACK, CW THROW	31381-1119	A1-BLK	TPA-1	CL	CPA	R	CW	2		4			7	9			11		14	15	16			19					26	27	28	29	30	31	32	33	34	35	36	37			SALEABLE		31382-1001			
KEY A, BLACK, CW THROW	31381-1121	A1-BLK	TPA-1	CL	CPA	R	CW				5	6		8		10					17	18		20	21	22	23	24																	SALEABLE		31382-1001	
KEY A, BLACK, CW THROW	31381-1122	A1-BLK	TPA-1	CL	CPA	R	CW	2	3	4			7	9			11	12	14	15	16			19					26	27	28	29	30	31	32	33	34	35	36	37			SALEABLE		31382-1001			
KEY A, BLACK, CW THROW	31381-1123	A1-BLK	TPA-1	CL	CPA	R	CCW	2				7	9					14						19					26	27	28	29	30	31	32	33	34	35	36	37			SALEABLE		31382-1001			
KEY A, BLACK, CW THROW	31381-1124	A1-BLK	TPA-1	CL	CPA	R	CCW		3	4	6						11	12		15	16		18							26	27	28	29	30	31	32	33	34	35	36	37			SALEABLE		31382-1001		