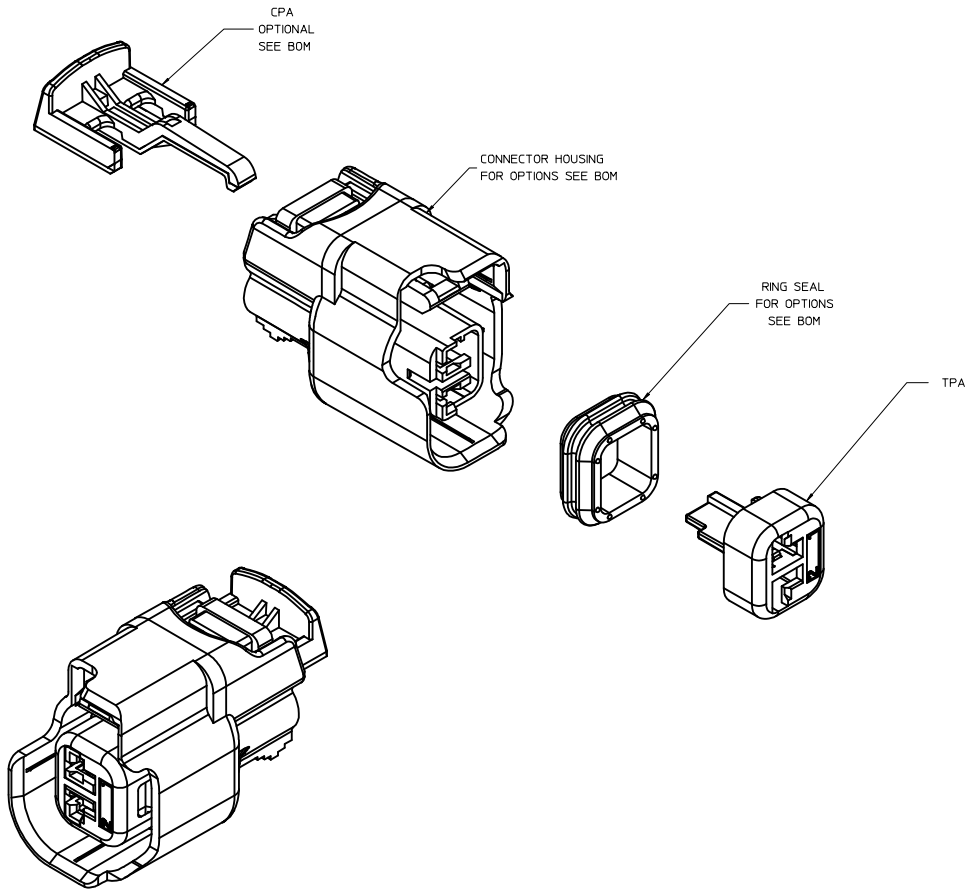


TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES
2,3	RCPT. HRN. CONN. CONFIGURATIONS
4	RCPT. HRN. CONN.
5,6	BOM
7	MOLEX INTERFACE



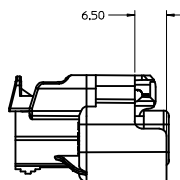
NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
 - a. APPLICATION SPECIFICATION SEE: AS-34062-000
 - CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
 - ASSEMBLY CONFORMS TO SAE/USCAR-2 REV.4 AND SAE/USCAR-12 REV.2 WITH THE FOLLOWING EXCEPTIONS:
 - TPA REMOVAL FROM FINAL LOCK - SECOND CYCLE: 12N MIN. POLARIZATION FEATURE EFFECTIVENESS: CONFORMS TO USCAR-2 REV 5 CPA DISENGAGE FORCE FROM FINAL-LOCK TO PRE-LOCK SHALL BE 10N MIN AND 40N MAX.
 - b. PRODUCT SPECIFICATION SEE: PS-34062-000
 - CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RECOMMENDED MATING CONNECTORS AND INTERFACES RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), AND PRODUCT VALIDATION.
 - c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-30907-879
 - 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)
 - f. DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN DRAWING EWCAP 150-S-002-1-Z01, AVAILABLE AT <http://ewcap.uscarteams.org/>.
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 ISO19715
 - 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) CAD MODEL
 - g. LASER MARKING: TBD

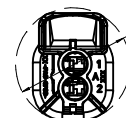
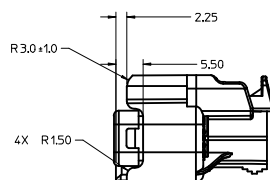
INSPECTION NUMBER LOG
 LAST NUMBER USED:
 ADDED:
 REMOVED:

REV	DESCRIPTION
J5	ADDED P/N 34062-0056
J4	ADDED P/N 34062-4003 & 34062-4004
J3	34062-0042 & 34062-0045 SALEABLE
J2	UPDATED VIEWS

ENTER DESCRIPTION IEC NO. UAU2014-0209 DRAWN: JIZELSKI CHKD: JIZELSKI APPR: DC LLSLE 2013/08/07	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.3 ± --- 0 PLACE ± ±	mm INCH	DRAWN BY DATE KCUNNINGHAM 2011/11/08	CHECKED BY DATE MVANSLAMBROU 1/26/2012	APPROVED BY DATE	TITLE CONNECTOR ASSEMBLY 2-WAY FUEL 15MM FEMALE FUEL INJECTOR CONNECTOR		
		ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE BOM	DOCUMENT NO. SD-34062-002	SHEET NO. 1 OF 7	molex		
		SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

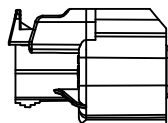


OPTION A

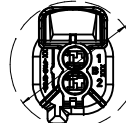
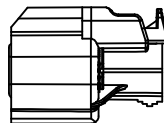


REAR VIEW

Ø23.40
MINIMUM PASS-THRU WITH
NO CLEARANCE
APPLIES TO NON CLIP-SLOT
OPTIONS A, C, D, & G

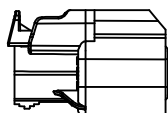


OPTION B

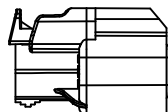
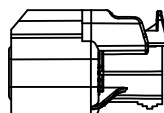


REAR VIEW

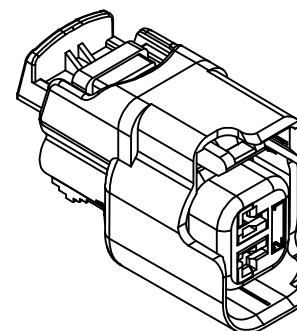
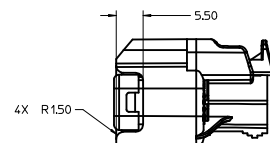
Ø26.00
MINIMUM PASS-THRU WITH
NO CLEARANCE
APPLIES TO NON CLIP-SLOT
OPTIONS B, E, & F



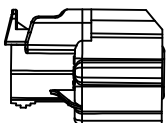
OPTION C



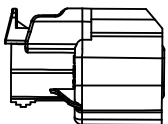
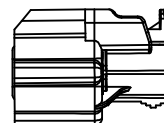
OPTION D



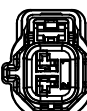
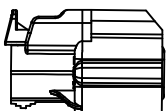
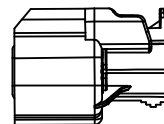
NON CLIP-SLOT OPTION
SCALE 4:1



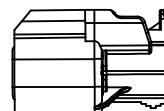
OPTION E



OPTION F

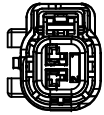
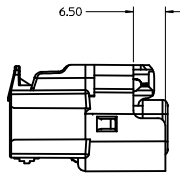


OPTION G

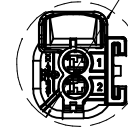
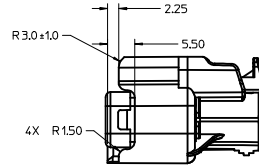


ENTER DESCRIPTION IEC NO. UAU2014-0209 DRAWN: JZELSKI 2013/08/06 CHKD: JZELSKI APPR: DC LISLE 2013/08/07	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± mm ± INCH 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.3 ± --- 0 PLACE ± ±	DRAWN BY DATE KCUNNINGHAM 2011/11/08	TITLE CONNECTOR ASSEMBLY 2-WAY FUEL 15MM FEMALE FUEL INJECTOR CONNECTOR			
		ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	CHECKED BY DATE MYANSLAMBROU 1/26/2012	molex			
		MATERIAL NO. SEE BOM	APPROVED BY DATE	DOCUMENT NO. SD-34062-002	SHEET NO. 2 OF 7		

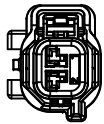
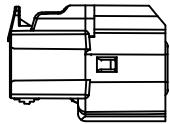
RCPT. HRN. CONN. CONFIGURATIONS 2



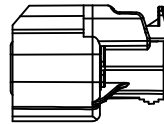
OPTION A W/CLIP-SLOT



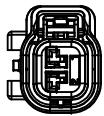
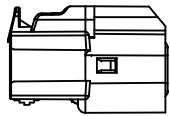
Ø 25.50
MINIMUM PASS-THRU WITH NO CLEARANCE APPLIES TO CLIP-SLOT OPTIONS A, C AND D



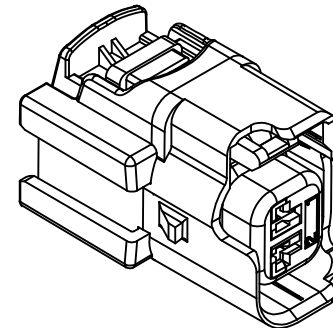
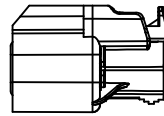
OPTION B W/CLIP-SLOT



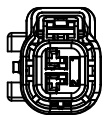
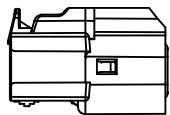
Ø 26.00
MINIMUM PASS-THRU WITH NO CLEARANCE APPLIES TO CLIP-SLOT OPTIONS B



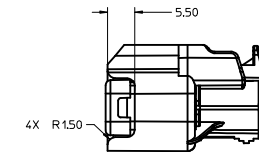
OPTION C W/CLIP-SLOT



CLIP-SLOT OPTION
SCALE 4:1

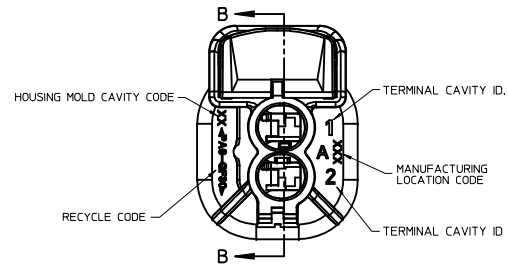
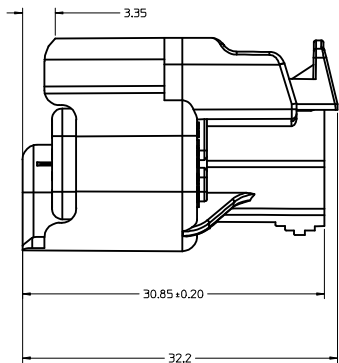
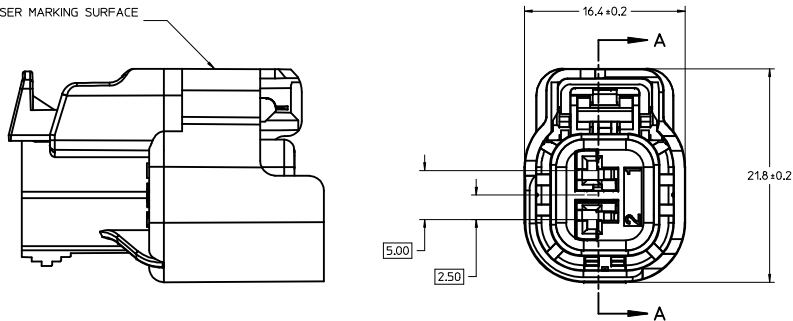


OPTION D W/CLIP-SLOT

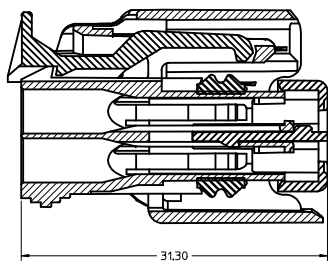
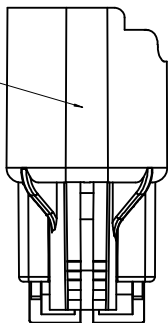


ENTER DESCRIPTION IEC NO: UAU2014-0209 DRAWN: IZELSK1 2013/08/06 CHKD: APPROV: C. LISLE 2013/08/07 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0	4 PLACES ± 0.10	MM ONLY	2:1	METRIC		
	▽=0	3 PLACES ± 0.15					
	▽=0	2 PLACES ± 0.20					
		ANGULAR ± 3°					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
			MATERIAL NO.	DOCUMENT NO.		SHEET NO.	
			SEE BOM	SD-34062-002		3 OF 7	
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

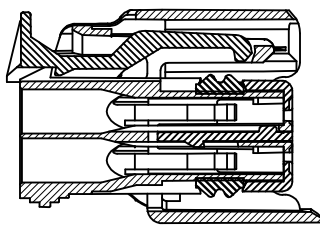
OPTIONAL LASER MARKING SURFACE
SEE NOTE h.



OPTIONAL LASER MARKING SURFACE
SEE NOTE h.



TPA SHOWN IN THE
PRE-STAGED POSITION
SECTION A-A



SECTION B-B
TPA SHOWN IN
FINAL-LOCK POSITION

ENTER DESCRIPTION IEC NO. UAU2014-0209 DRAWN: JZELSKI CHYK: JZELSKI APPR: DC LISLE 2013/08/06 2013/08/07	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		4 PLACES ± mm ± INCH	3 PLACES ± --- ± ---	DRAWN BY KCUNNINGHAM	DATE 2011/11/08	TITLE CONNECTOR ASSEMBLY 2-WAY FUEL 15MM FEMALE FUEL INJECTOR CONNECTOR				
		2 PLACES ± 0.10 ± ---	1 PLACE ± 0.3 ± ---	0 PLACE ± ±	CHECKED BY MVANSLAMBROU	DATE 1/26/2012	APPROVED BY DATE			
		ANGULAR ± 3 °		MATERIAL NO. SEE BOM	DOCUMENT NO. SD-34062-002		SHEET NO. 4 OF 7			
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								

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	ASSEMBLY OPERATING TEMPERATURE	A	B	C	D	E	F	G	A	B	C	D	D	D	R3	R4	CPA	PRODUCTION TOOL STATUS	RECOMMENDED MATING DEVICE
OPTION A, W/ CPA, BLACK	34062-0047	-40°C TO 125°C														R3	CPA	SALEABLE	1	
OPTION G, W/ CPA, BLACK	34062-0046	-40°C TO 155°C							G							R4	CPA	OK TO TOOL	2	
OPTION F, W/ CPA, LT. GRAY	34062-0045	-40°C TO 155°C							F							R4	CPA	SALEABLE	2	
OPTION E, W/ CPA, BLACK	34062-0044	-40°C TO 155°C						E								R4	CPA	OK TO TOOL	2	
OPTION G, BLACK	34062-0043	-40°C TO 155°C							G							R4		OK TO TOOL	2	
OPTION F, LT. GRAY	34062-0042	-40°C TO 155°C							F							R4		SALEABLE	2	
OPTION E, BLACK	34062-0041	-40°C TO 155°C						E								R4		OK TO TOOL	2	
OPTION D, W/ CPA, & WITH RIBS, BLACK	34062-4009	-40°C TO 155°C												D		R4	CPA	SALEABLE	1	
OPTION C, W/ CPA & WITH RIBS, BLACK	34062-4008	-40°C TO 155°C											C			R4	CPA	SALEABLE	1	
OPTION D, W/ CPA & CLIP-SLOT, LT. GRAY	34062-0040	-40°C TO 125°C											D			R3	CPA	SALEABLE	1	
OPTION D, W/ CPA & CLIP-SLOT, BLACK	34062-0039	-40°C TO 125°C											D			R3	CPA	SALEABLE	1	
OPTION C, W/ CPA & CLIP-SLOT, BLACK	34062-0038	-40°C TO 125°C								C						R3	CPA	SALEABLE	1	3
OPTION B, W/ CPA & CLIP-SLOT, LT. GRAY	34062-0037	-40°C TO 125°C								B						R3	CPA	SALEABLE	1	3
OPTION A, W/ CPA & CLIP-SLOT, BLACK	34062-0036	-40°C TO 125°C								A						R3	CPA	SALEABLE	1	3
OPTION D, W/ CLIP-SLOT, LT. GRAY	34062-0035	-40°C TO 125°C											D			R3		SALEABLE	1	
OPTION D, W/ CLIP-SLOT, BLACK	34062-0034	-40°C TO 125°C											D			R3		SALEABLE	1	
OPTION C, W/ CLIP-SLOT, BLACK	34062-0033	-40°C TO 125°C								C						R3		SALEABLE	1	3
OPTION B, W/ CLIP-SLOT, LT. GRAY	34062-0032	-40°C TO 125°C								B						R3		SALEABLE	1	3
OPTION A, W/ CLIP-SLOT, BLACK	34062-0031	-40°C TO 125°C								A						R3		SALEABLE	1	
OPTION D, W/ CPA, LT. GRAY	34062-0030	-40°C TO 125°C											D			R3	CPA	SALEABLE	1	
OPTION D, W/ CPA, BLACK	34062-0028	-40°C TO 125°C											D			R3	CPA	SALEABLE	1	
OPTION C, W/ CPA, BLACK	34062-0027	-40°C TO 125°C								C						R3	CPA	SALEABLE	1	3
OPTION B, W/ CPA, LT. GRAY	34062-0026	-40°C TO 125°C								B						R3	CPA	SALEABLE	1	3
OPTION A, W/ CPA, BLACK	34062-0025	-40°C TO 125°C								A						R3	CPA	SALEABLE	1	
OPTION D, LT. GRAY	34062-0029	-40°C TO 125°C											D			R3		SALEABLE	1	
OPTION D, BLACK	34062-0024	-40°C TO 125°C											D			R3		SALEABLE	1	
OPTION C, BLACK	34062-0023	-40°C TO 125°C								C						R3		SALEABLE	1	3
OPTION B, LT. GRAY	34062-0022	-40°C TO 125°C								B						R3		SALEABLE	1	3
OPTION A, BLACK	34062-0021	-40°C TO 125°C								A						R3		SALEABLE	1	
																R3	R4	CPA		1 2 3

ABBREVIATION	COMPONENT
A	HOUSING OPTION A
B	HOUSING OPTION B
C	HOUSING OPTION C
D	HOUSING OPTION D
E	HOUSING OPTION E
F	HOUSING OPTION F
G	HOUSING OPTION G
R3	RING SEAL TEMP. CLASS 3
R4	RING SEAL TEMP. CLASS 4
TPA	INSERT, TPA
CPA	CPA
1	150-S-002-1-201 USCAR INTERFACE
2	MOLEX INTERFACE SEE SHEET 7
3	SD-34675-001 MOLEX INLINE MALE CONNECTOR

INSERT, TPA	NATURAL	PBT GF30
CPA	RED	PBT GF30
RING SEAL TEMP. CLASS 4	GREEN	INHERENTLY LUBRICATED SILICONE
RING SEAL TEMP. CLASS 3	MEDIUM BLUE	INHERENTLY LUBRICATED SILICONE
HOUSING OPTION D WITH RIBS	BLACK	PA6 GF30
HOUSING OPTION C WITH RIBS	BLACK	PA6 GF30
HOUSING OPTION D W/CLIP-SLOT	LT. GRAY	PA6 GF30
HOUSING OPTION D W/CLIP-SLOT	BLACK	PA6 GF30
HOUSING OPTION C W/CLIP-SLOT	BLACK	PA6 GF30
HOUSING OPTION B W/CLIP-SLOT	LT. GRAY	PA6 GF30
HOUSING OPTION A W/CLIP-SLOT	BLACK	PA6 GF30
HOUSING OPTION G	BLACK	PA6 GF30
HOUSING OPTION F	LT. GRAY	PA6 GF30
HOUSING OPTION E	BLACK	PA6 GF30
HOUSING OPTION D	LT. GRAY	PA6 GF30
HOUSING OPTION D	BLACK	PA6 GF30
HOUSING OPTION C	BLACK	PA6 GF30
HOUSING OPTION B	LT. GRAY	PA6 GF30
HOUSING OPTION A	BLACK	PA6 GF30
DESCRIPTION	COLOR	MATERIAL

BOM/APPLICABLE COMPONENTS TABLE

ENTER DESCRIPTION IEC NO. UAU2014-0209 DRAWN: JZUZELSKI 2013/08/06 CHYK: JZ APPR: DCL LLSLE 2013/08/07 REV: DESCRIPTION	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.3 ± --- 0 PLACE ± ±	DIMENSION STYLE MM ONLY	SCALE DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	DRAWN BY DATE KCUNNINGHAM 2011/11/08	CHECKED BY DATE MYANSLAMBROU 1/26/2012	APPROVED BY DATE	MATERIAL NO. SEE BOM	DOCUMENT NO. SD-34062-002	SHEET NO. 5 OF 7
	CONNECTOR ASSEMBLY 2-WAY FUEL 15MM FEMALE FUEL INJECTOR CONNECTOR					

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

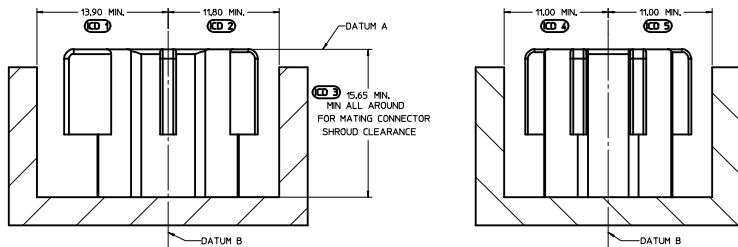
ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	ASSEMBLY OPERATING TEMPERATURE	A	B	C	D	E	F	G	A	B	C	D	D	R3	R4	CPA	PRODUCTION TOOL STATUS	RECOMMENDED MATING DEVICE
OPTION D, W/ CPA & CLIP-SLOT, BLACK	34062-0056	-40°C TO 155°C															R4 CPA	OK TO TOOL	1
OPTION D, W/ RIBS, BLACK	34062-4004	-40°C TO 155°C															R4	SALEABLE	1
OPTION C, W/ RIBS, BLACK	34062-4003	-40°C TO 155°C															R4	SALEABLE	1
OPTION C, W/ CPA & CLIP-SLOT, BLACK	34062-0055	-40°C TO 155°C															R4 CPA	OK TO TOOL	1 3
OPTION B, W/ CPA & CLIP-SLOT, LT. GRAY	34062-0054	-40°C TO 155°C															R4 CPA	OK TO TOOL	1 3
OPTION C, W/ CLIP-SLOT, BLACK	34062-0053	-40°C TO 155°C															R4	OK TO TOOL	1 3
OPTION B, W/ CLIP-SLOT, LT. GRAY	34062-0052	-40°C TO 155°C															R4	OK TO TOOL	1 3
OPTION C, W/ CPA, BLACK	34062-0051	-40°C TO 155°C															R4 CPA	OK TO TOOL	1 3
OPTION B, W/ CPA, LT. GRAY	34062-0050	-40°C TO 155°C															R4 CPA	OK TO TOOL	1 3
OPTION C, BLACK	34062-0049	-40°C TO 155°C															R4	OK TO TOOL	1 3
OPTION B, LT. GRAY	34062-0048	-40°C TO 155°C															R4	OK TO TOOL	1 3

ABBREVIATION	COMPONENT
A	HOUSING OPTION A
B	HOUSING OPTION B
C	HOUSING OPTION C
D	HOUSING OPTION D
E	HOUSING OPTION E
F	HOUSING OPTION F
G	HOUSING OPTION G
R3	RING SEAL TEMP. CLASS 3
R4	RING SEAL TEMP. CLASS 4
TPA	INSERT, TPA
CPA	CPA
1	150-S-002-1-Z01 USCAR INTERFACE
2	MOLEX INTERFACE SEE SHEET 7
3	SD-34675-001 MOLEX INLINE MALE CONNECTOR

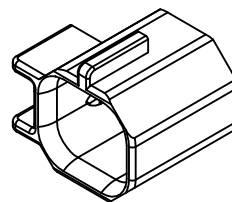
DESCRIPTION	COLOR	MATERIAL
INSERT, TPA	NATURAL	PBT GF30
CPA	RED	PBT GF30
RING SEAL TEMP. CLASS 4	GREEN	INHERENTLY LUBRICATED SILICONE
RING SEAL TEMP. CLASS 3	MEDIUM BLUE	INHERENTLY LUBRICATED SILICONE
HOUSING OPTION D WITH RIBS	BLACK	PA6 GF30
HOUSING OPTION C WITH RIBS	BLACK	PA6 GF30
HOUSING OPTION D W/CLIP-SLOT	LT. GRAY	PA6 GF30
HOUSING OPTION D W/CLIP-SLOT	BLACK	PA6 GF30
HOUSING OPTION C W/CLIP-SLOT	BLACK	PA6 GF30
HOUSING OPTION B W/CLIP-SLOT	LT. GRAY	PA6 GF30
HOUSING OPTION A W/CLIP-SLOT	BLACK	PA6 GF30
HOUSING OPTION G	BLACK	PA6 GF30
HOUSING OPTION F	LT. GRAY	PA6 GF30
HOUSING OPTION E	BLACK	PA6 GF30
HOUSING OPTION D	LT. GRAY	PA6 GF30
HOUSING OPTION D	BLACK	PA6 GF30
HOUSING OPTION C	BLACK	PA6 GF30
HOUSING OPTION B	LT. GRAY	PA6 GF30
HOUSING OPTION A	BLACK	PA6 GF30

ENTER DESCRIPTION IEC NO. UAU2014-0209 DRAWN: JZUZELSKI CHYK: JZ APPR: DC LLSLE 2013/08/06 2013/08/07	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.3 ± --- 0 PLACE ± ±		DIMENSION STYLE MM ONLY	SCALE DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE BOM	DATE KCUNNINGHAM 2011/11/08 MYANSLAMBROU 1/26/2012	TITLE CONNECTOR ASSEMBLY 2-WAY FUEL 15MM FEMALE FUEL INJECTOR CONNECTOR
		ANGULAR ± 3 °		APPROVED BY	DOCUMENT NO. SD-34062-002	SHEET NO. 6 OF 7
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

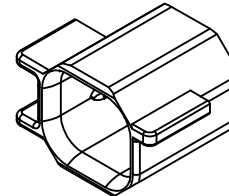
IF A HEADER IS RECESSED INTO A POCKET, THESE DIMENSIONS REPRESENT THE MINIMUM CLEARANCE REQUIRED FOR THE MATING CONNECTOR SHROUD.



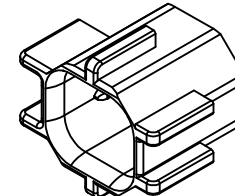
PACKAGING FRAME



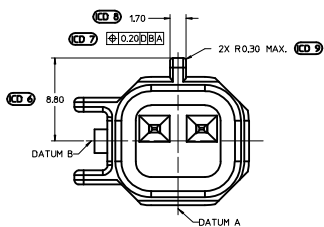
OPTION G



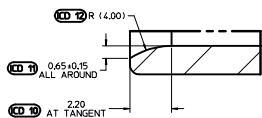
OPTION F



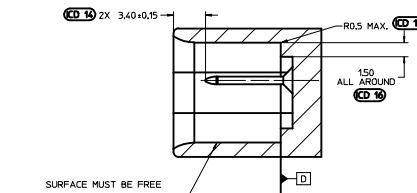
OPTION E



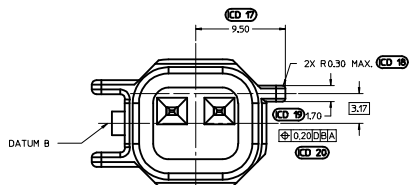
OPTION G
SAME AS OPTION F
EXCEPT AS SHOWN



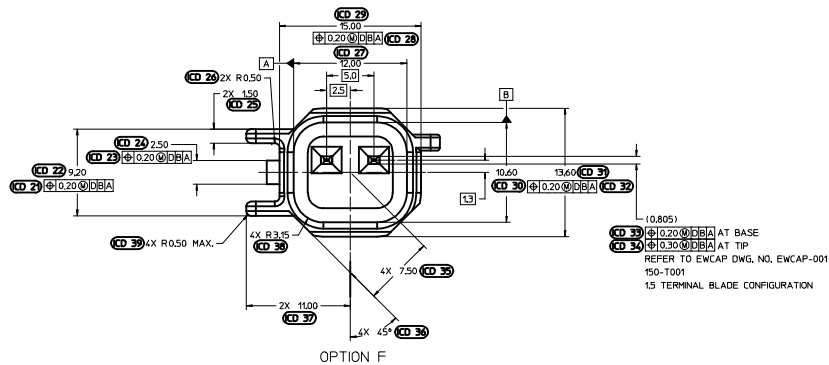
DETAIL 2
SCALE 10:1



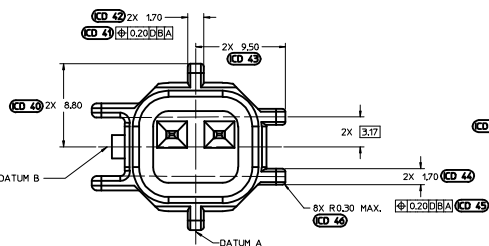
SECTION W-W



OPTION F



SECTION X-X



OPTION E
SAME AS OPTION F
EXCEPT AS SHOWN

NOTES: UNLESS OTHERWISE SPECIFIED

- ALL DIMENSIONS SHOWN IN MILLIMETERS.
- DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994
- 0.25 RADII ON ALL CORNERS SHOWN SHARP.
- UNSPECIFIED RADII: 0.25 EXCEPT AS NOTED.
- STANDARD COLORS FOR POLARIZATION (SEE CHART). DEVIATION REQUIRES APPROVAL OF AUTHORIZED PERSON.
- REFER TO SAE/USCAR 12 CONNECTOR GUIDELINES FOR ADDITIONAL REQUIREMENTS.
- EXCEPT WHERE NOTED, DRAFT ON OUTSIDE SURFACES IS PERMISSIBLE WITHIN TOLERANCE.
- [Symbol] = DRAFT DIRECTION.
- FOR TERMINAL MATERIAL, DIMENSIONAL, AND COATING REQUIREMENTS AND ANY BLADE TERMINAL DESIGN INFORMATION NOT SHOWN ON THIS DRAWING SEE EWCAP DWG. NO. EWCAP-001
- 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/USCAR-12 CONNECTOR DESIGN GUIDE LINES FOR ADDITIONAL INFORMATION.
- REFER TO USCAR/EWCAP PART LIST AS FOUND ON WEBSITE <http://www.uscarteams.org>
- THIS IS A 100% CAD GENERATED PART. THE CAT MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.

E	BLACK	E
F	GRAY	D
G	BLACK	C
OPTION	COLOR	SIMILAR TO AFL DRAWING R6341 (OPTION GEOMETRY IDENTICAL)

ENTER DESCRIPTION EC NO: UAU2014-0205 DRAWN: JZIELSKI 2013/08/06 APPROVED: LUSLE 2013/08/07 REV: J5	QUALITY SYMBOLS ∇=0 ∇=1 ∇=2 ∇=3 ∇=4		GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES ± .005</td> <td>± .0005</td> </tr> <tr> <td>3 PLACES ± .003</td> <td>± .0003</td> </tr> <tr> <td>2 PLACES ± .010</td> <td>± .0010</td> </tr> <tr> <td>1 PLACE ± .030</td> <td>± .0030</td> </tr> <tr> <td>0 PLACE ± .050</td> <td>± .0050</td> </tr> </table>		mm	INCH	4 PLACES ± .005	± .0005	3 PLACES ± .003	± .0003	2 PLACES ± .010	± .0010	1 PLACE ± .030	± .0030	0 PLACE ± .050	± .0050	DIMENSION STYLE MM ONLY DRAWN BY: K CUNNINGHAM 2011/11/08 CHECKED BY: M VANS LAMBROU 1/26/2012 APPROVED BY:		SCALE 5:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	
	mm	INCH																		
	4 PLACES ± .005	± .0005																		
	3 PLACES ± .003	± .0003																		
2 PLACES ± .010	± .0010																			
1 PLACE ± .030	± .0030																			
0 PLACE ± .050	± .0050																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		MATERIAL NO. SD-34062-002		DOCUMENT NO. SD-34062-002														
ANGULAR ± 3°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		moLEX		SHEET NO. 7 OF 7														