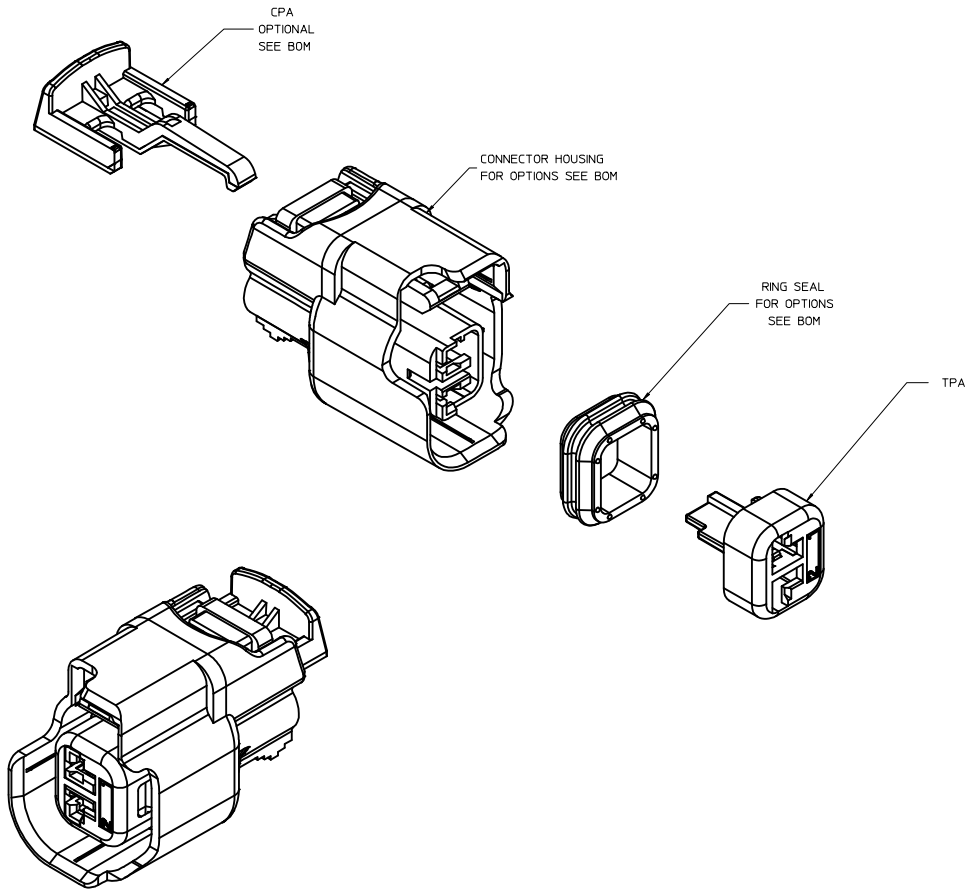


TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES
2,3	RCPT. HRN. CONN. CONFIGURATIONS
4	RCPT. HRN. CONN.
5,6	BOM
7	MOLEX INTERFACE



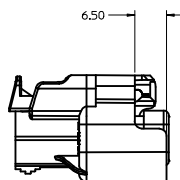
NOTES: VALID UNLESS OTHERWISE SPECIFIED

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
  - 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.uscarlearns.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 ISO13715
  - p. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
  - p. 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

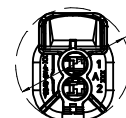
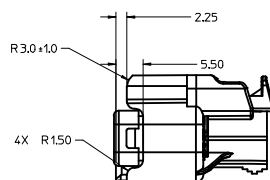
J1	ADDED ICD BALLON NUMBER; UPDATED ICD3
J	OPTION E, F, AND G OK TO TOOL
I2	ADDED P/N 34062-0048 THRU 34062-0055
I1	UPDATED VIEWS TO SHOW RAISED LATCH WALLS
I	UPDATED NOTES
H	REDRAWN P/N 4008 & 4009 STATUS UPDATED SALEABLE ADDED P/N 34062-0047
REV	DESCRIPTION

INSPECTION NUMBER LOG  
 LAST NUMBER USED:  
 ADDED:  
 REMOVED:

<b>ENTER DESCRIPTION</b> IEC NO: UAU2013-1426 DRAWN/CUNNINGHAM 2013/03/08 CHKD: APPR:VKOSHY	2013/03/11 DESCRIPTION	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0		GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± 0.10 3 PLACES ± 0.15 2 PLACES ± 0.20 1 PLACE ± 0.30 0 PLACE ±		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		DRAWN BY DATE KUNNINGHAM 2011/11/08		CHECKED BY DATE VANS LAMBROU 1/26/2012		APPROVED BY DATE		MATERIAL NO. SEE BOM		DOCUMENT NO. SD-34062-002
TITLE CONNECTOR ASSEMBLY 2-WAY FUEL 15MM FEMALE FUEL INJECTOR CONNECTOR										
SHEET NO. 1 OF 8										
SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

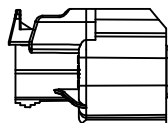


OPTION A

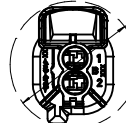
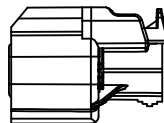


REAR VIEW

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

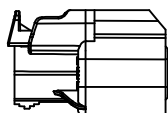


OPTION B

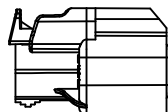
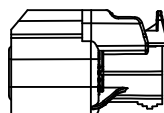


REAR VIEW

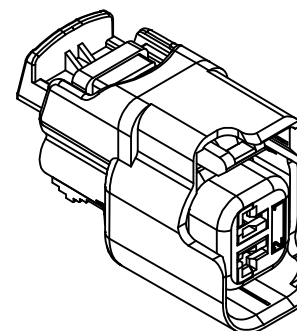
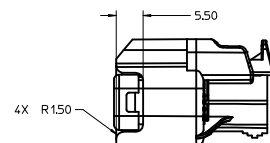
Ø26.00  
MINIMUM PASS-THRU WITH  
NO CLEARANCE  
APPLIES TO NON CLIP-SLOT  
OPTIONS B, E, & F



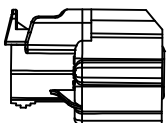
OPTION C



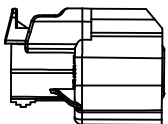
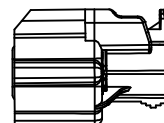
OPTION D



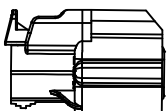
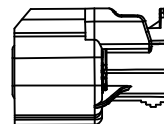
NON CLIP-SLOT OPTION  
SCALE 4:1



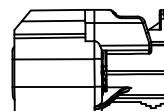
OPTION E



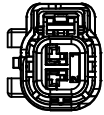
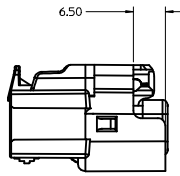
OPTION F



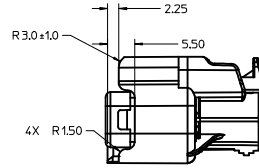
OPTION G



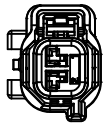
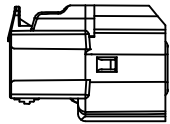
<b>ENTER DESCRIPTION</b> IEC NO. UAU2013-1426 DRAWN/CUNNINGHAM 2013/03/08 CHKD: CHYD: APPR: VKOSHY 2013/03/11	<b>QUALITY SYMBOLS</b> ∇=0 ∇=0 ∇=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b>		<b>DIMENSION STYLE</b> MM ONLY	<b>SCALE</b> 2:1	<b>DESIGN UNITS</b> METRIC	THIRD ANGLE PROJECTION		
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.10 ± ---	1 PLACE ± 0.3 ± ---	0 PLACE ± ±	DRAWN BY DATE KCUNNINGHAM 2011/11/08	CHECKED BY DATE MYANSLAMBROU 1/26/2012	APPROVED BY DATE
		ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE BOM	DOCUMENT NO. SD-34062-002		SHEET NO. 2 OF 8
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							SIZE D



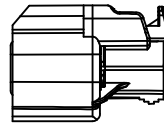
OPTION A W/CLIP-SLOT



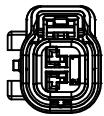
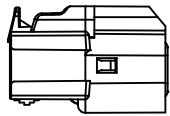
Ø 25.50  
MINIMUM PASS-THRU WITH NO CLEARANCE APPLIES TO CLIP-SLOT OPTIONS A, C AND D



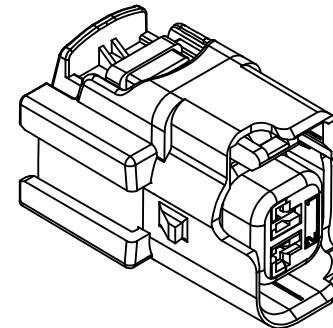
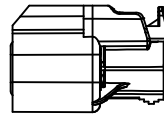
OPTION B W/CLIP-SLOT



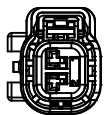
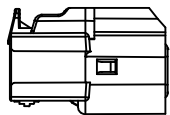
Ø 26.00  
MINIMUM PASS-THRU WITH NO CLEARANCE APPLIES TO CLIP-SLOT OPTIONS B



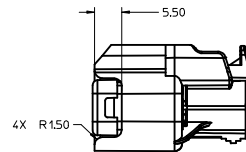
OPTION C W/CLIP-SLOT



CLIP-SLOT OPTION  
SCALE 4:1

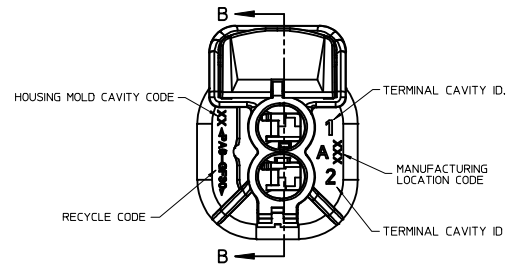
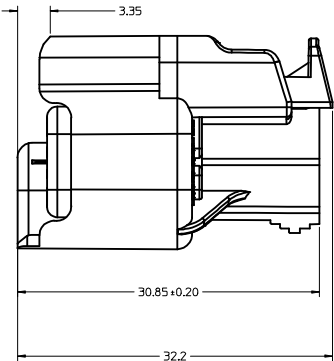
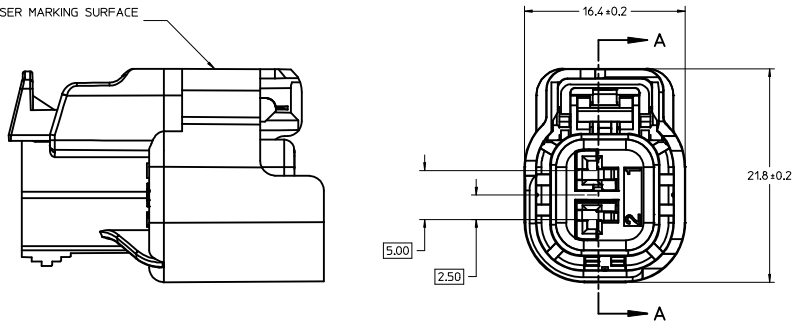


OPTION D W/CLIP-SLOT

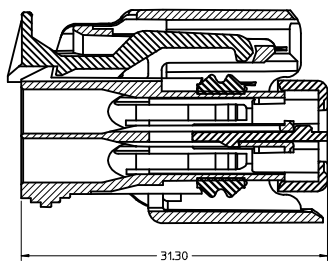
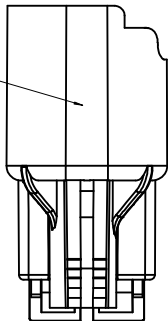


ENTER DESCRIPTION IEC NO: UAU2013-1426 DRAWN BY: KCUNNINGHAM 2013/03/08 CHYD: APPR: IKOSHY 2013/03/11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0	mm INCH	MM ONLY	2:1	METRIC		
	▽=0	4 PLACES ± --- + ---	DRAWN BY DATE				
	▽=0	3 PLACES ± --- + ---	KCUNNINGHAM 2011/11/08				
	2 PLACES ± 0.10 + ---	CHECKED BY DATE				TITLE	
	1 PLACE ± 0.3 + ---	MVANSLAMBROU 1/26/2012				CONNECTOR ASSEMBLY	
	0 PLACE ± + ---	APPROVED BY DATE				2-WAY FUEL 15MM FEMALE FUEL INJECTOR CONNECTOR	
		ANGULAR ± 3 °	MATERIAL NO.			<b>molex</b>	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE BOM			DOCUMENT NO.	
						SD-34062-002	
			SIZE D			SHEET NO.	
						3 OF 8	
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

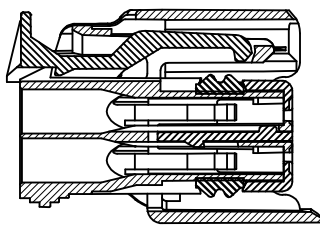
OPTIONAL LASER MARKING SURFACE  
SEE NOTE h.



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

<b>ENTER DESCRIPTION</b> IEC NO. UAU2013-1426 DRAWN: KUNNINGHAM 2013/03/08 CHKD: APPR: VKOSHY 2013/03/11	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± 0.10</td> <td>± 0.004</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.15</td> <td>± 0.006</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.20</td> <td>± 0.008</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.30</td> <td>± 0.012</td> </tr> <tr> <td>0 PLACE</td> <td>± 0.40</td> <td>± 0.016</td> </tr> </tbody> </table> ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		mm	INCH	4 PLACES	± 0.10	± 0.004	3 PLACES	± 0.15	± 0.006	2 PLACES	± 0.20	± 0.008	1 PLACE	± 0.30	± 0.012	0 PLACE	± 0.40	± 0.016	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>4:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
		mm	INCH																					
	4 PLACES	± 0.10	± 0.004																					
	3 PLACES	± 0.15	± 0.006																					
2 PLACES	± 0.20	± 0.008																						
1 PLACE	± 0.30	± 0.012																						
0 PLACE	± 0.40	± 0.016																						
DRAWN BY KUNNINGHAM 2011/11/08	DATE 2011/11/08	CHECKED BY MYANSLAMBROU 1/26/2012	DATE 1/26/2012	APPROVED BY DATE	TITLE <b>CONNECTOR ASSEMBLY                  2-WAY FUEL 15MM FEMALE                  FUEL INJECTOR CONNECTOR</b>	MATERIAL NO. <b>SEE BOM</b>																		
DOCUMENT NO. <b>SD-34062-002</b>	SHEET NO. <b>4 OF 8</b>	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																						
MOLEX																								

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	OK TO TOOL	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		OK TO TOOL	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		
																			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

<b>ENTER DESCRIPTION</b> EC NO. UAU2013-1426 DRAWN/CUNNINGHAM 2013/03/08 CHKD: APPR:VKOSHY 2013/03/11 DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± mm	MM ONLY	DATE	METRIC	CONNECTOR ASSEMBLY 2-WAY FUEL 15MM FEMALE FUEL INJECTOR CONNECTOR <b>molex</b> DOCUMENT NO. SD-34062-002 SHEET NO. 5 OF 8
	▽=0	3 PLACES ± 0.10	INCH	DATE		
	▽=0	2 PLACES ± 0.3		DATE		
▽=0	0 PLACE ±		DATE			
	ANGULAR ± 3 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.	SEE BOM		

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 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			C													R4 CPA	OK TO TOOL	1 3
OPTION B, W/ CPA, LT. GRAY	34062-0050	-40°C TO 155°C		B														R4 CPA	OK TO TOOL	1 3
OPTION C, BLACK	34062-0049	-40°C TO 155°C			C													R4	OK TO TOOL	1 3
OPTION B, LT. GRAY	34062-0048	-40°C TO 155°C		B														R4	OK TO TOOL	1 3
																				1 2 3

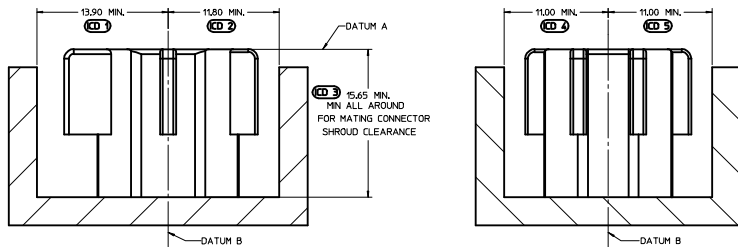
ABBREVIATION	COMPONENT
A	HOUSING OPTION A
B	HOUSING OPTION B
C	HOUSING OPTION C
D	HOUSING OPTION D
E	HOUSING OPTION E
F	HOUSING OPTION F
G	HOUSING OPTION G
R3	RING SEAL TEMP. CLASS 3
R4	RING SEAL TEMP. CLASS 4
TPA	INSERT, TPA
CPA	CPA
1	150-S-002-1-Z01 USCAR INTERFACE
2	MOLEX INTERFACE SEE SHEET 7
3	SD-34675-001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

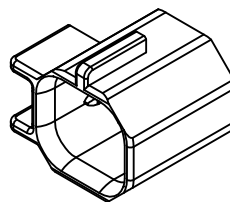
BOM/APPLICABLE COMPONENTS TABLE

<b>ENTER DESCRIPTION</b> IEC NO. UAU2013-1426 DRAWN/CUNNINGHAM 2013/03/08 CHKD: APPR:VKOSHY 2013/03/11	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH		DIMENSION STYLE <b>MM ONLY</b>	SCALE DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± 0.10 ± 0.05 3 PLACES ± 0.15 ± 0.05 2 PLACES ± 0.20 ± 0.05 1 PLACE ± 0.30 ± 0.05 0 PLACE ± 0.50 ± 0.05	DATE KUNNINGHAM 2011/11/08 DATE MYANSLAMBROU 1/26/2012 DATE	TITLE <b>CONNECTOR ASSEMBLY                  2-WAY FUEL 15MM FEMALE                  FUEL INJECTOR CONNECTOR</b>		
		MATERIAL NO. <b>SEE BOM</b>		DOCUMENT NO. <b>SD-34062-002</b>		SHEET NO. 6 OF 8
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				

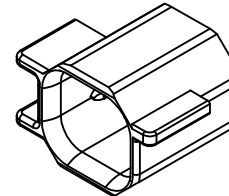
IF A HEADER IS RECESSED INTO A POCKET, THESE DIMENSIONS REPRESENT THE MINIMUM CLEARANCE REQUIRED FOR THE MATING CONNECTOR SHROUD.



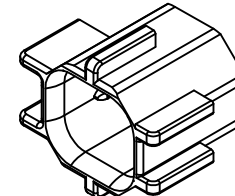
PACKAGING FRAME



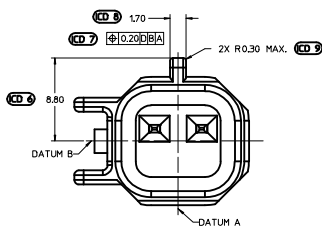
OPTION G



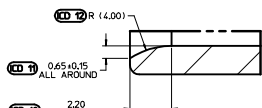
OPTION F



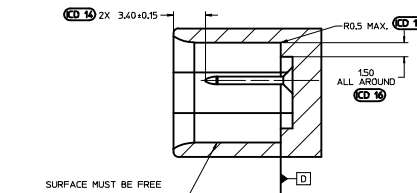
OPTION E



OPTION G  
SAME AS OPTION F  
EXCEPT AS SHOWN

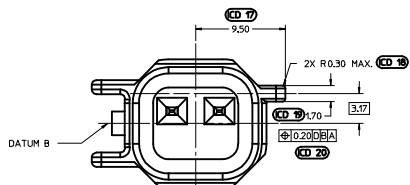


DETAIL 2  
SCALE 10:1

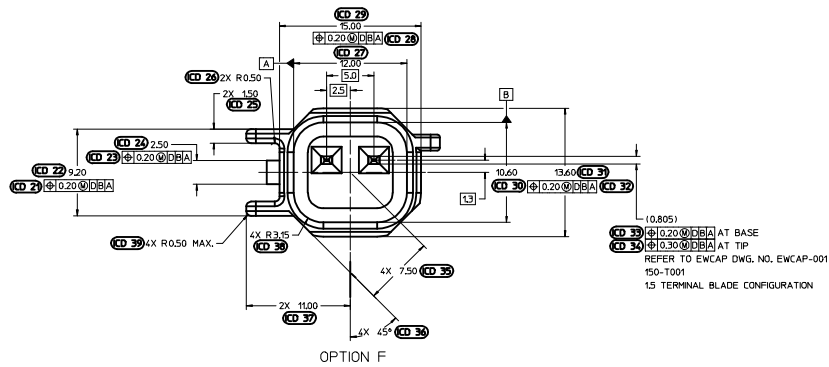


SURFACE MUST BE FREE OF SURFACE DEFECTS AND PARTING LINES FOR SEALING ALL AROUND

SECTION W-W

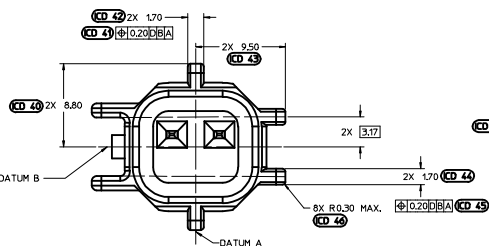


OPTION F



OPTION F

SECTION X-X



OPTION E  
SAME AS OPTION F  
EXCEPT AS SHOWN

NOTES: UNLESS OTHERWISE SPECIFIED

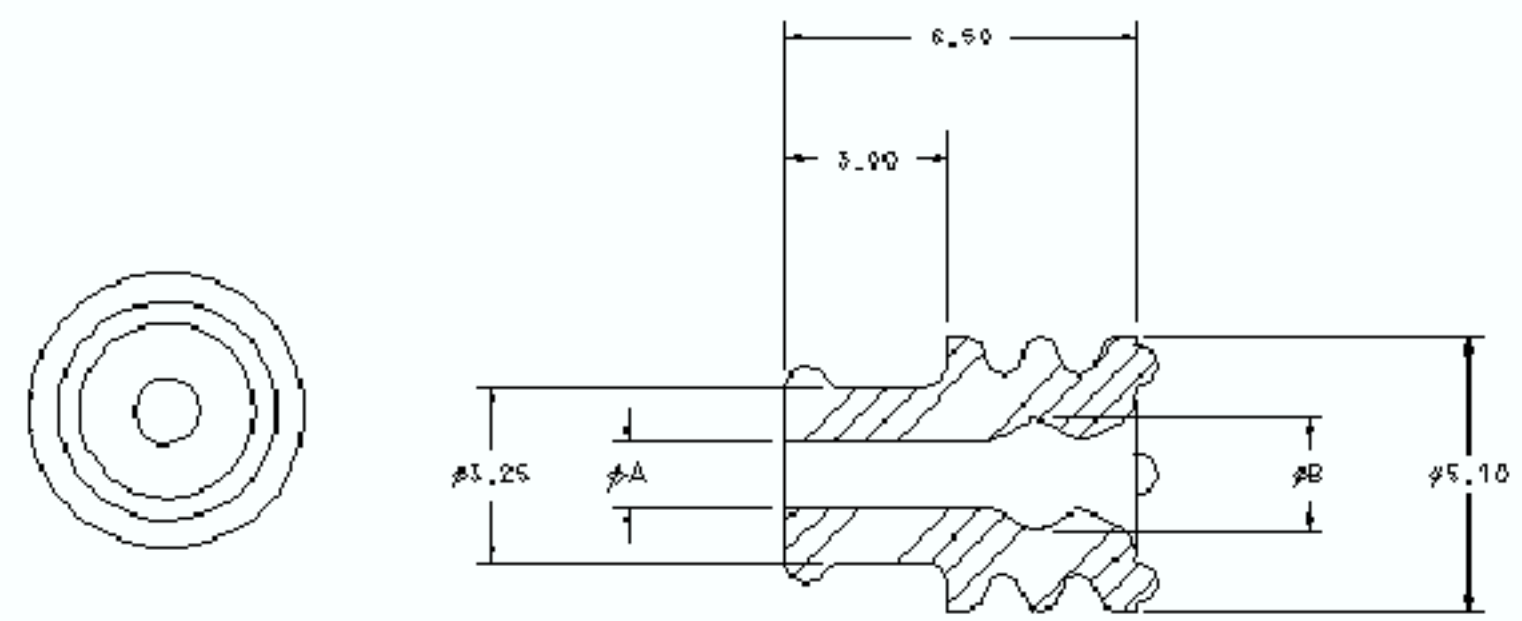
- ALL DIMENSIONS SHOWN IN MILLIMETERS.
- DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994
- 0.25 RADII ON ALL CORNERS SHOWN SHARP.
- UNSPECIFIED RADII: 0.25 EXCEPT AS NOTED.
- STANDARD COLORS FOR POLARIZATION (SEE CHART). DEVIATION REQUIRES APPROVAL OF AUTHORIZED PERSON.
- REFER TO SAE/USCAR 12 CONNECTOR GUIDELINES FOR ADDITIONAL REQUIREMENTS.
- EXCEPT WHERE NOTED, DRAFT ON OUTSIDE SURFACES IS PERMISSIBLE WITHIN TOLERANCE.
- [Symbol] SYMBOL INDICATES 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)

<b>ENTER DESCRIPTION</b> EC NO. UAU2015-1426 DRAWING NUMBER 2015103106 APPROVED BY DATE 2013/03/11	<b>QUALITY SYMBOLS</b> ∇=0 ∇=1 ∇=2 ∇=3 ∇=4		<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> <table border="1"> <tr> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES ± 0.10</td> <td>± 0.004</td> </tr> <tr> <td>3 PLACES ± 0.15</td> <td>± 0.006</td> </tr> <tr> <td>2 PLACES ± 0.20</td> <td>± 0.008</td> </tr> <tr> <td>1 PLACE ± 0.3</td> <td>± 0.012</td> </tr> <tr> <td>0 PLACE ±</td> <td>±</td> </tr> </table>		mm	INCH	4 PLACES ± 0.10	± 0.004	3 PLACES ± 0.15	± 0.006	2 PLACES ± 0.20	± 0.008	1 PLACE ± 0.3	± 0.012	0 PLACE ±	±	<b>DIMENSION STYLE</b> MM ONLY DRAWN BY DATE K CUNNINGHAM 2011/11/08 CHECKED BY DATE M VANS LAMBROU 1/26/2012 APPROVED BY DATE		<b>SCALE</b> 5:1 <b>DESIGN UNITS</b> METRIC <b>THIRD ANGLE PROJECTION</b>	
	mm	INCH																		
	4 PLACES ± 0.10	± 0.004																		
	3 PLACES ± 0.15	± 0.006																		
2 PLACES ± 0.20	± 0.008																			
1 PLACE ± 0.3	± 0.012																			
0 PLACE ±	±																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		<b>SEE TABLE</b>		<b>MATERIAL NO.</b> SD-34062-002 <b>DOCUMENT NO.</b>		<b>SHEET NO.</b> 8 OF 8														
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX, INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				



SCALE 3:1



SECTION A--A

- 1) CRITICAL DIMENSION
- 2) UNLESS OTHERWISE NOTED, TOLERANCE, FINISH AND FLASH TO CONFORM TO FIG. 42-F2-T 0.4.
- 3) SPECIFICATION: ASTM D2000 MICROMETER TEST METHOD D11 21 - 25
  - 21- HARDNESS, SHORE-J, 125%
  - 22- MODULUS AT 100% ELONGATION, DIE-C, 25 TO 100 PSI
  - 23- HEAT RESISTANCE, ASTM D371, TO BE PERFORMED FOR 1000H AT 150°C
  - 24- COMPRESSION SET, ASTM D371, METHOD-B, 20% AT 180°C, 16% MAX.
  - 25- FLUID RESISTANCE, ASTM D471, 100H AT 27°C, 100% METHANOL
    - HARDNESS CHANGE : 0 TO -12 POINTS MAX.
    - TENSILE STRENGTH CHANGE : -50% MAX.
    - ELONGATION CHANGE : -50% MAX.
    - VOLUME CHANGE : 0 TO +15% MAX.

DATE	REV	RELEASED	JAS
DATE	REV	REVISION PURPOSE	DRAWN BY
<b>QUALITY SYNTHETIC RUBBER, INC.</b>			
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		ORIGINAL WHEN P.D.	
DECIMALS	ANGLES	APPROVALS	DATE
1/1000	1/16	J. SALAMON	5/13/02
DRAWING NO. SCALE DRAWING		CHECKED	
COMPAND A4011+		DESIGNED	
DWG FILE S:\YASAKI\E1644		TOOL TRAY	
PART NO. (ALIAS) (SIC PL. FILE)		CUSTOMER'S OR BY P.D.	
NAME CABLE SEAL (1.5 TERMINAL SYSTEM)			
PART NUMBER E-1644-##			
MATERIAL SILICONE RUBBER - SEE NOTE 3			
MOLD NUMBER SEE TABLE			
SCALE	SIZE	DRAWING NUMBER	SHEET
10:1	A2	<b>A-0055</b>	1 OF 1

E-1644-02	7157-3337-70	1.65	2.40	YELLOW	2.18 - 2.70	2197
E-1644-01	7157-3379-50	0.90	1.65	PINK	1.19 - 1.70	2071
E-1644-00	7157-3336-60	1.25	2.10	GREEN	1.60 - 2.10	1934, 2612, 2666, 2846
QSR PART #	YASAKI PART #	'A'	'B'	COLOR	FOR CABLE O.D.	QSR MOLD #

THIS DRAWING AND/OR ELECTRONIC FILE, AND THE DESIGN HEREON, CONSTITUTES A PROPRIETARY DESIGN OF QUALITY SYNTHETIC RUBBER, INC. AND IS NOT TO BE DUPLICATED OR REPRODUCED

34753-0003	E-1644-02
34753-0002	E-1644-01
34753-0001	E-1644-00
MOLEX P/N	QSR P/N

ENTER DESCRIPTION EC NO: DRWN: DGRIFITHS 2008/07/31 CHKD: MVANSLAMBROU APPR:	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		▼=0 ▽=0	mm    INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- ANGULAR ± 3°	MM ONLY	4:1	METRIC	DRAWN BY: DGRIFITHS    DATE: 07-31-08 CHECKED BY: MVANSLAMBROU    DATE: 07-31-08 APPROVED BY: KOSHY    DATE: 07-31-08
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE	TITLE: CABLE SEAL (1.5 TERMINAL SYSTEM) CHARTED MOLEX INCORPORATED DOCUMENT NO. SD-34753-001    SHEET NO. 1 OF 1		
		MATERIAL NO. SEE TABLE SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					