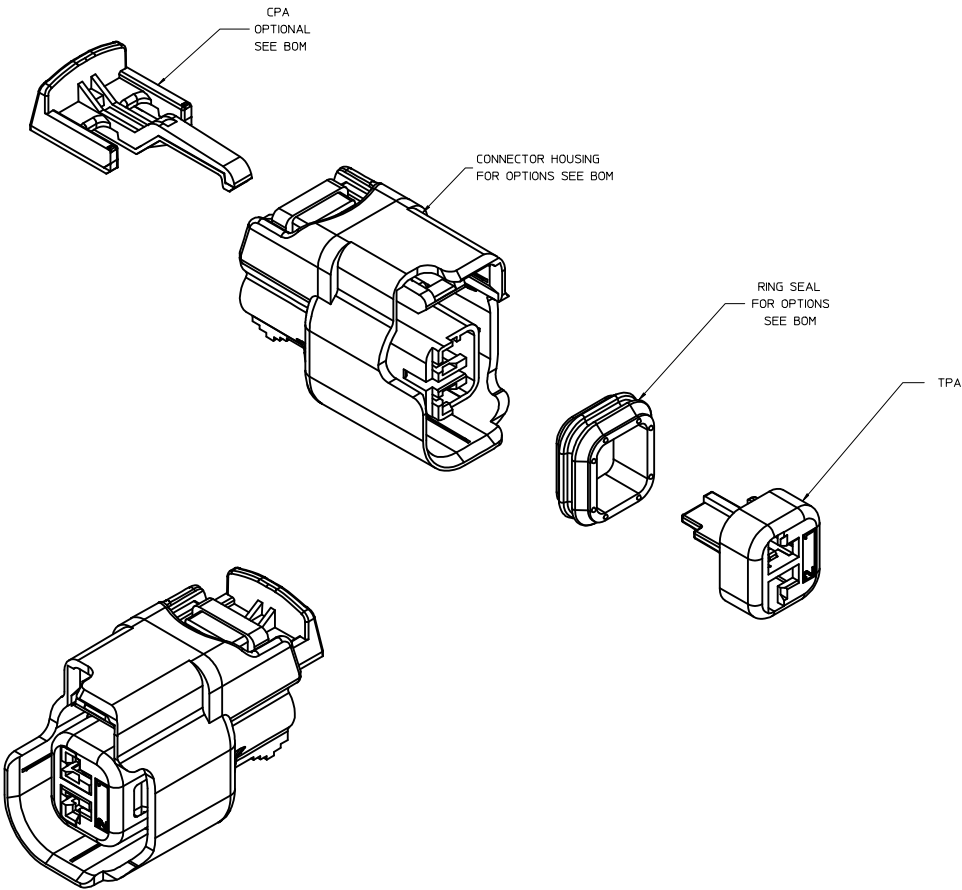


20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

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-002-1-201. 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 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) CAD MODEL
- g. LASER MARKING: TBD

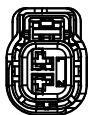
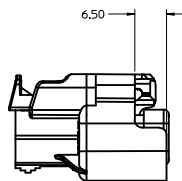
INSPECTION NUMBER LOG
LAST NUMBER USED:
ADDED:
REMOVED:

J8	UPDATE 34062-0057
J7	ADDED P/N 34062-0057
J6	P/N 34062-0041, 0043, 0044, & 0046 SALEABLE
J5	ADDED P/N 34062-0056
J4	ADDED P/N 34062-4003 & 34062-4004
J3	34062-0042 & 34062-0045 SALEABLE
J2	UPDATED VIEWS
REV	DESCRIPTION

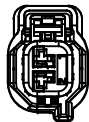
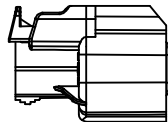
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		mm		INCH		DRAWN BY DATE		TITLE		CONNECTOR ASSEMBLY 2-WAY FUEL 15MM FEMALE FUEL INJECTOR CONNECTOR molex	
		4 PLACES ± ---		± ---		KUNNINGHAM 2011/11/08					
		3 PLACES ± ---		± ---		CHECKED BY DATE					
		2 PLACES ± 0.10		± ---		MYANSLAMBROU 1/26/2012					
		1 PLACE ± 0.3		± ---		APPROVED BY DATE					
		0 PLACE ±		±							
		ANGULAR ± 3 °				MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE BOM		SD-34062-002		1 OF 7	
						SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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

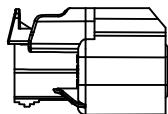
M
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A



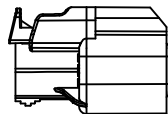
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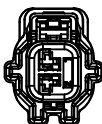
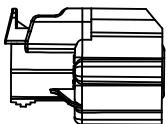
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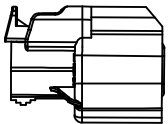
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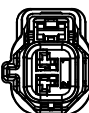
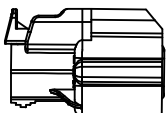
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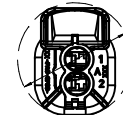
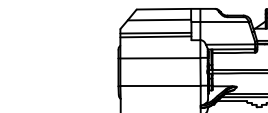
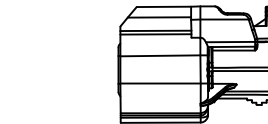
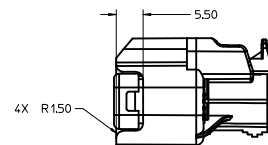
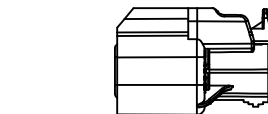
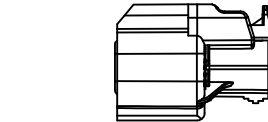
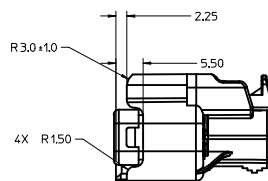
OPTION E



OPTION F

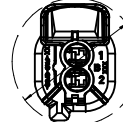


OPTION G



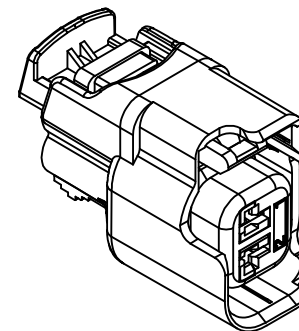
REAR VIEW

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



REAR VIEW

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



NON CLIP-SLOT OPTION
SCALE 4:1

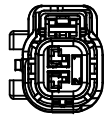
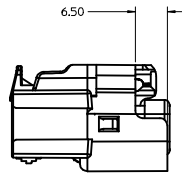
RCPT. HRN. CONN. CONFIGURATIONS 1

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						DRAWN BY KUNNINGHAM		DATE 2011/11/08	TITLE CONNECTOR ASSEMBLY 2-WAY FUEL 15MM FEMALE FUEL INJECTOR CONNECTOR		
						CHECKED BY MYANSLAMBROU		DATE 1/26/2012			
						APPROVED BY		DATE			
						MATERIAL NO.		DOCUMENT NO.	SHEET NO. 2 OF 7		
						SEE BOM		SD-34062-002			
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

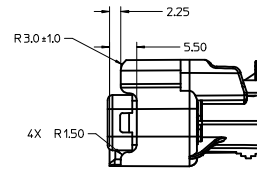
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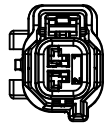
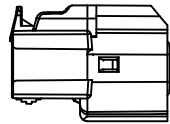
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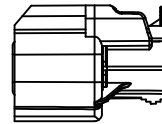
OPTION A W/CLIP-SLOT



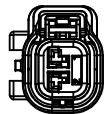
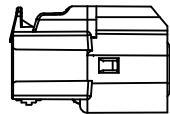
Ø 25.50
MINIMUM PASS-THRU WITH
NO CLEARANCE
APPLIES TO CLIP-SLOT
OPTIONS A, C AND D



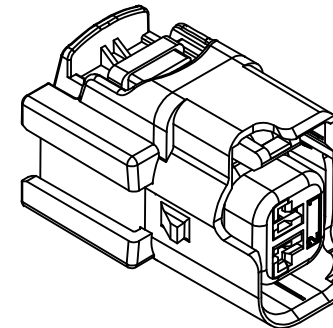
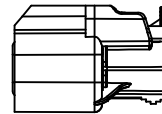
OPTION B W/CLIP-SLOT



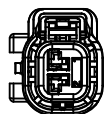
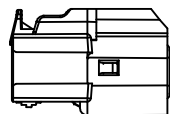
Ø 26.00
MINIMUM PASS-THRU WITH
NO CLEARANCE
APPLIES TO CLIP-SLOT
OPTIONS B



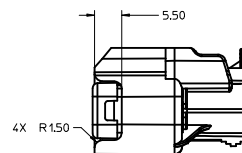
OPTION C W/CLIP-SLOT



CLIP-SLOT OPTION
SCALE 4:1



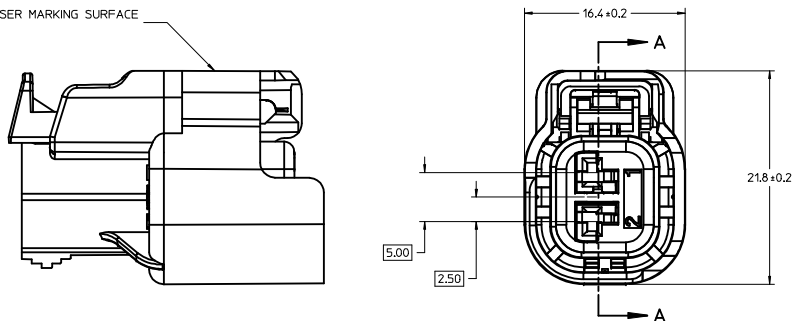
OPTION D W/CLIP-SLOT



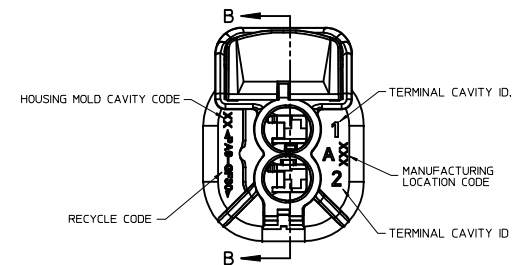
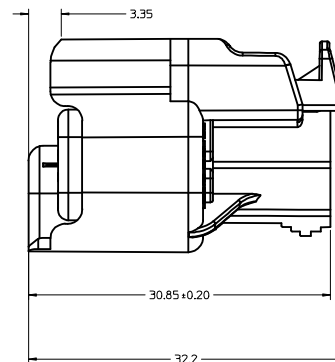
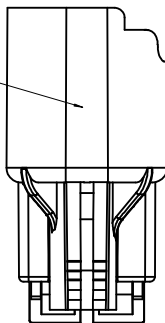
ENTER DESCRIPTION IEC NO: UAU2014-1656 DRAWN BY CHKD: APPR: WOSHY REV J8	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	CONNECTOR ASSEMBLY 2-WAY FUEL 15MM FEMALE FUEL INJECTOR CONNECTOR molex	SHEET NO. SD-34062-002 3 OF 7
		4 PLACES ± .005		DRAWN BY KCUNNINGHAM		DATE 2011/11/08				
		3 PLACES ± .005		CHECKED BY		DATE				
		2 PLACES ± 0.10		MVANSLAMBROU		1/26/2012				
		1 PLACE ± 0.3		APPROVED BY		DATE				
		0 PLACE ±								
		ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE BOM		SD-34062-002				
				SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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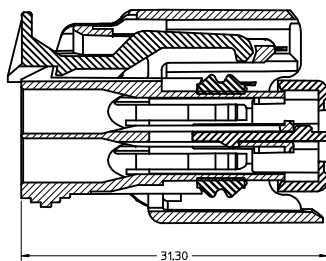
OPTIONAL LASER MARKING SURFACE
SEE NOTE h.



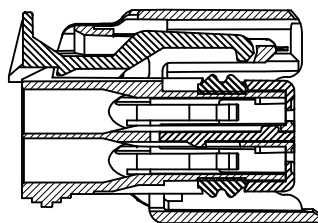
OPTIONAL LASER MARKING SURFACE
SEE NOTE h.



RCPT. HRN. CONN.



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



SECTION B-B

TPA SHOWN IN
FINAL-LOCK POSITION

ENTER DESCRIPTION IEC NO: UAU2014-1656 DRAWN BY: 2014/04/24 CHKD: J8 APPR: W05HY	REVISION DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE CONNECTOR ASSEMBLY 2-WAY FUEL 15MM FEMALE FUEL INJECTOR CONNECTOR molex	MATERIAL NO. SEE BOM	DOCUMENT NO. SD-34062-002	SHEET NO. 4 OF 7		
			mm		INCH		DRAWN BY	DATE									
			4 PLACES		±	---	KCUNNINGHAM	2011/11/08									
			3 PLACES		±	---	CHECKED BY	DATE									
			2 PLACES		±	0.10	MYANSLAMBROU	1/26/2012									
			1 PLACE		±	0.3	APPROVED BY	DATE									
			0 PLACE		±	---											
			ANGULAR ± 3 °														
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE D									THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

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

OPTION A, W/ CPA, BLACK	34062-0047	-40°C TO 125°C	A																R3	CPA	SALEABLE	1			
OPTION G, W/ CPA, BLACK	34062-0046	-40°C TO 155°C																		R4	CPA	SALEABLE		2	
OPTION F, W/ CPA, LT. GRAY	34062-0045	-40°C TO 155°C																		R4	CPA	SALEABLE		2	
OPTION E, W/ CPA, BLACK	34062-0044	-40°C TO 155°C																		R4	CPA	SALEABLE		2	
OPTION G, BLACK	34062-0043	-40°C TO 155°C																				SALEABLE		2	
OPTION F, LT. GRAY	34062-0042	-40°C TO 155°C																		R4		SALEABLE		2	
OPTION E, BLACK	34062-0041	-40°C TO 155°C																		R4		SALEABLE		2	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	
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	
ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	ASSEMBLY OPERATING TEMPERATURE	A	B	C	D	E	F	G	A	B	C	D	C	D	R3	R4	CPA	PRODUCTION TOOL STATUS				1	2	3
																									RECOMMENDED MATING DEVICE

LEGEND TABLE	
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 EC NO: UAU2014-1656 DRAWN BY: CHYK CHKD: APPR: WOSHY REV: 1	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
			DRAWN BY DATE KUNNINGHAM 2011/11/08		TITLE CONNECTOR ASSEMBLY 2-WAY FUEL 15MM FEMALE FUEL INJECTOR CONNECTOR		
			CHECKED BY DATE MYANSLAMBROU 1/26/2012		APPROVED BY DATE		
			MATERIAL NO. SEE BOM		DOCUMENT NO. SD-34062-002		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
			ANGULAR ± 3 °		SHEET NO. 5 OF 7		

(36)	OPTION A, W/ CPA & CLIP-SLOT, BLACK	34062-0057	-40°C TO 125°C																R3	CPA	SALEABLE	1				
	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
	ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	ASSEMBLY OPERATING TEMPERATURE	A	B	C	D	E	F	G	A	B	C	D	D	C	D	R3	R4	CPA	PRODUCTION TOOL STATUS	1	2	3	RECOMMENDED MATING DEVICE	

INSERT, TPA	NATURAL	PBT GF30
CFA	RED	PBT GF30
RING SEAL TEMP. CLASS 4	GREEN	INHERENTLY LUBRICATED SILICON
RING SEAL TEMP. CLASS 3	MEDIUM BLUE	INHERENTLY LUBRICATED SILICON
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		

ABREVIATION	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

ENTER DESCRIPTION EC NO: UAU2018-1656 DRAWN BY: JH80 CHKD: APPR: WDSH 2014/04/24 2014/04/29	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm	INCH	DRAWN BY	DATE	TITLE		
	▽=0	4 PLACES ±	+	KCUNNINGHAM	2011/11/08	CONNECTOR ASSEMBLY 2-WAY FUEL 15MM FEMALE FUEL INJECTOR CONNECTOR molex		
	▽=0	3 PLACES ±	+	CHECKED BY	DATE			
▽=0	2 PLACES ±	0.10	±	MVANSLAMBOU	1/26/2012	MATERIAL NO. DOCUMENT NO. SD-34062-002		
	1 PLACE ±	0.3	±	APPROVED BY	DATE	SHEET NO. 6 OF 7		
	0 PLACE ±	±	±	SEE BOM		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
		ANGULAR ± 3 °		SIZE				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						

Figure 1 shows two dimensional drawings of the connector. The left drawing is a front view showing three circular features labeled CD 1, CD 2, and CD 3. CD 1 has a diameter of 13.90 MIN. CD 2 has a diameter of 11.80 MIN. CD 3 has a diameter of 15.65 MIN. The right drawing is a side view showing two circular features labeled CD 4 and CD 5, both with a diameter of 11.00 MIN. Both drawings indicate DATUM A and DATUM B.

A technical line drawing of a U-shaped metal profile, likely a part of a mechanical assembly. The profile has a semi-circular bottom and two vertical side walls. One end of the profile is flared out into a flat rectangular flange. The drawing uses perspective, showing the top, front, and side surfaces.

Technical drawing of a mechanical part with dimensions and callouts:

- Callout 12: R (4.00)
- Callout 11: 0.65 ± 0.15 ALL AROUND
- Dimension 2.20

Technical drawing of a mechanical part with a hole. The drawing includes the following dimensions and tolerances:

- Top left: CD 14 2X 3,40 $\pm$ 0,15
- Top right: CD 10 R0,5 MAX.
- Right side: 150 ALL AROUND
- Bottom right: CD 10
- Bottom left: SURFACE MUST BE FREE
- Bottom center: CD 10

Technical drawing of a connector housing. Dimensions include: 9.50 (width), 1.70 (height), 3.17 (height), 2X R0.30 MAX. (fillet radius), 16.20 (width), and 16.20 (width). Datums are labeled: DATUM A (bottom center), DATUM B (left side), and DATUM C (top center). Surface finish symbols are present: CD 17 (top surface), CD 16 (right side), CD 20 (bottom surface), and CD 19 (left side).

[illegible][illegible]

(120)
 $\Phi 10.30 \pm 0.08$ CD 57
 REFER TO EWCAP DWG. NO. EWCAP-001
 150-T001
 15 TERMINAL BLADE CONFIGURATION

CD 59 R1.35
 30°
 CD 59 R1.0
 C
 CD 59 6.00 MIN.
 TYPICAL
 6.60
 1.00
 CD 53
 8.5" x .12"
 CD 59
 CD 49 R0.20 MAX.
 CD 48 R0.20 MAX.
 CD 47 R0.75
 R10
 (R0.50) CD 59
 6.00 MIN. CD 59

CONSTRUCTION BELOW THIS SURFACE IS NOT CONTROLLED BY EWCAP. NO PLASTIC FEATURES MAY EXTEND ABOVE THIS SURFACE.

SECTION X-X

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

1. ALL DIMENSIONS SHOWN IN MILLIMETERS.
2. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994
3. 0.25 RADII ON ALL CORNERS SHOWN SHARP.
4. UNSPECIFIED RADII: 0.25 EXCEPT AS NOTED.
5. STANDARD COLORS FOR POLARIZATION (SEE CHART).
DEVIATION REQUIRES APPROVAL OF AUTHORIZED PERSON.
6. REFER TO SAE/USCAR-12 CONNECTOR GUIDELINES
FOR ADDITIONAL REQUIREMENTS.
7. EXCEPT WHERE NOTED, DRAFT ON OUTSIDE SURFACES IS PERMISSIBLE
WITHIN TOLERANCE.
8.  SYMBOL INDICATES DRAFT DIRECTION.
9. FOR TERMINAL MATERIAL, DIMENSIONAL, AND COATING REQUIREMENTS
AND ANY BLADE TERMINAL DESIGN INFORMATION NOT SHOWN ON THIS
DRAWING SEE EWCAP DWG. NO. EWCAP-001
10. 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.
11. REFER TO SAE/USCAR PART LIST AS FOUND ON WEBSITE
<http://www.uscarteams.org>
12. 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.

ENTER DESCRIPTION EC NO. UA102/04-1656 DRAWING APPR: MOSH DATE: 2014/04/29	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		mm	INCH	DRAWN BY DATE KXUNINGHAM 2011/11/08		TITLE CONNECTOR ASSEMBLY				
		4 PLACES ± --- ± ---		CHECKED BY WMSANLABROU 1/26/2012		2-WAY FUEL 15MM FEMALE				
		3 PLACES ± --- ± ---		APPROVED BY DATE		FUEL INJECTOR CONNECTOR				
		2 PLACES ± 0.3 ± ---				molex				
		1 PLACE ± 0.0 ± ---								
		0 PLACE ± ±		MATERIAL NO.		DOCUMENT NO.		SD-34062-002		
		ANGULAR ± 3 °		SEE TABLE				SHEET NO. 7 OF 7		
		DRAFT HERE APPLICABLE MUST BE WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX AND SHOULD NOT BE REPRODUCED OR COPIED WITHOUT WRITTEN PERMISSION						