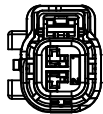
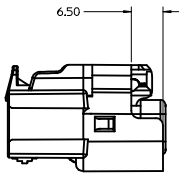
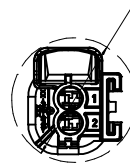
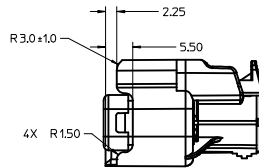


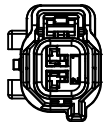
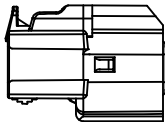
SHEET DESCRIPTION
CONFIGURATIONS



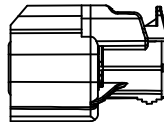
OPTION A W/CLIP-SLOT *



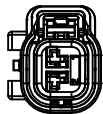
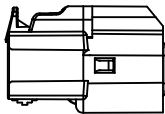
Ø25.50
MINIMUM PASS-THRU WITH
NO CLEARANCE
APPLIES TO CLIP-SLOT
OPTIONS A, C AND D



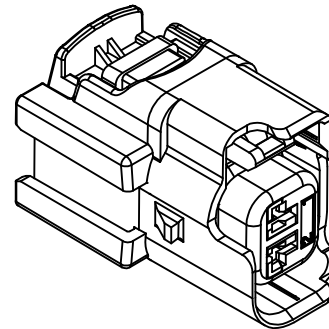
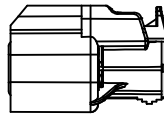
OPTION B W/CLIP-SLOT *



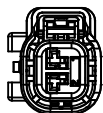
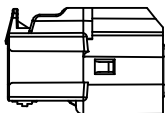
Ø26.00
MINIMUM PASS-THRU WITH
NO CLEARANCE
APPLIES TO CLIP-SLOT
OPTION B



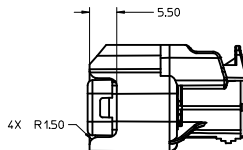
OPTION C W/CLIP-SLOT *



CLIP-SLOT OPTION
SCALE 4:1



OPTION D W/CLIP-SLOT *



*WITH CLIP-SLOT CONFIGURATIONS
DO NOT MEET THE USCAR PACKAGING FRAME REQUIREMENTS

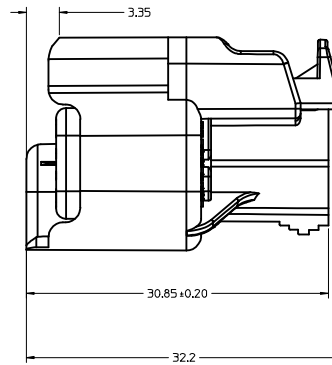
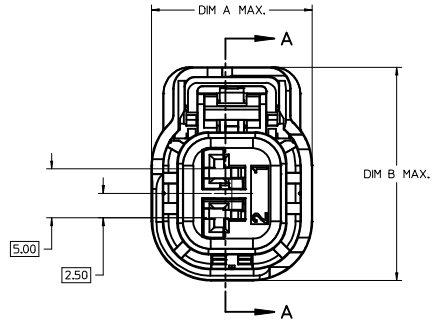
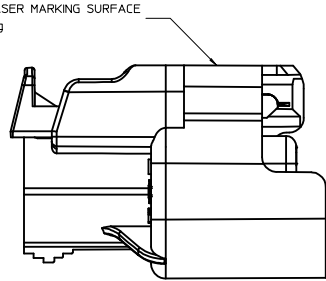
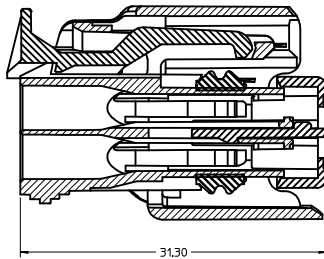
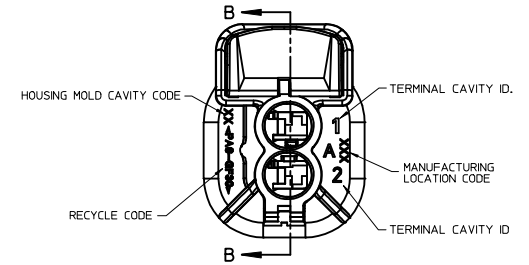
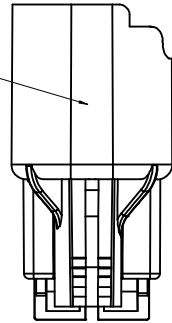
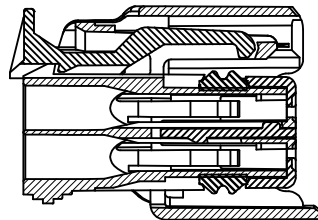
ENTER DESCRIPTION LEC NO: UAU2016-1241 DRAWN BY: DRWN480RUSZESKI 2016/02/19 CHKD: CHYD: APPR: WKSHY 2016/02/22 REV J18	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE MX150 2 WAY CABLE SEAL RECEPTACLE CONN. SYSTEM (5.0MM PITCH) molex DOCUMENT NO. SD-34062-002 SHEET NO. 3 OF 5	
					DRAWN BY KCUNNINGHAM 2011/11/08		DATE				
					CHECKED BY MYANSLAMBROU 1/26/2012		DATE				
					APPROVED BY		DATE				
					ANGULAR ± 3 °		MATERIAL NO.				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE NOTE 2a.		SIZE D				

SHEET DESCRIPTION

RECEPTACLE CONNECTOR ASSEMBLY

CHARTED DIMENSIONS

CONFIGURATIONS	DIMENSIONS	
	A	B
OPTIONS A, C, D	16.6	22.0
OPTION B	16.6	23.9
OPTION E	20.2	23.9
OPTION F	16.6	23.9
OPTION G	18.4	22.0
OPTIONS A, C, D W/CLIP-SLOT	19.2	22.0
OPTION B W/CLIP-SLOT	19.2	23.9

OPTIONAL LASER MARKING SURFACE
SEE NOTE 3gOPTIONAL LASER MARKING SURFACE
SEE NOTE 3gTPA SHOWN IN THE
PRE-STAGED POSITION
SECTION A-ASECTION B-B
TPA SHOWN IN
FINAL-LOCK POSITION

ENTER DESCRIPTION IEC NO: UAU2016-1241 DRAWN BY: BORUSZSKI CHKD: WOSHY APPR: WOSHY REV: J18	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 ± ± ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY: KCUNNINGHAM CHECKED BY: MYANSLAMBROU APPROVED BY: DATE MATERIAL NO. SEE NOTE 2a. SIZE D	SCALE 4:1 DESIGN UNITS METRIC TITLE MX150 2 WAY CABLE SEAL RECEPTACLE CONN. SYSTEM (5.0MM PITCH) molex DOCUMENT NO. SD-34062-002	SHEET NO. 4 OF 5

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



OPTION B

NOTES: UNLESS OTHERWISE SPECIFIED

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 ENSURE THAT THE CONNECTOR-HEADER POLARIZATION
FEATURES (OPTIONS A THRU H) 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 USCAR/EWCAP 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.

NOT RECOMMENDED
MATING CONNECTOR IS UNIVERSAL

ENTER DESCRIPTION
