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NOTES: VALID UNLESS OTHERWISE SPECIFIED

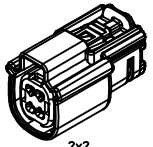
1. GENERAL:
- a. APPLICATION SPECIFICATION SEE: AS-33472-100
    - CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
    - DESIGNED TO MATE WITH DEVICE OR CONNECTOR AS SPECIFIED IN THE MATING INTERFACE/CONNECTOR DRAWINGS CHART.
    - \*DENOTES DRAWINGS THAT CAN BE ACCESSED AT <http://ewcap.uscarteams.org/>.
    - ASSEMBLY SHIPPED WITH PLR IN PRE-LOCK POSITION (SEE PLR PRE-LOCK VIEW SHEET 5).
  - b. PRODUCT SPECIFICATION SEE:
    - STANDARD CONFIGURATION (STD): PS-33472-000
    - TRANSMISSION CONFIGURATION (TRNS):
      - CONTAINS SILICONE: TS-160038-0001
      - SILICONE FREE: TBD
    - UL V0 CONFIGURATION (UL V0): TBD
      - CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), TERMINALS, WIRE DIAMETER RANGE, PRODUCT VALIDATION, AND PRODUCT DEVIATIONS.
  - c. PACKAGING SPECIFICATION PER MOLEX DRAWING; SEE PACKAGING CHART
  - d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: OEH5-699000-301
  - e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)

2. DESIGN - MATERIALS:
- a. FOR BILL OF MATERIALS SEE:
    - STANDARD CONFIGURATION SD-33472-0002
    - TRANSMISSION CONFIGURATION
      - CONTAINS SILICONE: SD-160038-0002
      - SILICONE FREE: SD-160092-0002
    - UL V0 CONFIGURATION SD-160074-0002
  - b. TRANSMISSION CONNECTOR COMPONENTS MUST MEET THE MATERIAL REQUIREMENTS SPECIFIED IN TS-160038-0001 & TBD

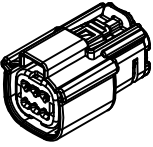
3. DESIGN - GEOMETRY:
- a. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND MASTER FOR THIS PART WITH THE EXCEPTION OF UNDERLINED DIMENSIONS, DIMENSIONAL INFORMATION NOT SHOWN ON THIS DRAWING IS DEFINED BY THE DATA FILE AT ITS LATEST REVISION.
  - b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
  - c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
  - d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
  - e. 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).
  - g. LASER MARKING:
    - 1. PART NUMBER
    - 2. DAY OF THE YEAR
    - 3. SHIFT
    - 4. YEAR
- FOR ADDITIONAL INFORMATION SEE SECTION 5 UNDER PROCEDURES IN ES-34735-008.

PACKAGING	
DESCRIPTION	DRAWING NO.
2X2	PK-31300-635
2X3	PK-31300-903
2X4	PK-31300-903
2X6	PK-31300-903
2X8	PK-31300-903
2X10	PK-31300-903

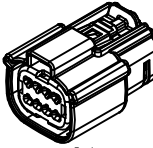
MATING INTERFACE/CONNECTOR DRAWINGS		
DESCRIPTION	INTERFACE DEFINITION	MOLEX INLINE
STANDARD 2X2	*150-S-004-2-Z02	SD-33482-0001
UL V0 2X2	*150-S-004-2-Z02	SD-33482-0001
STANDARD 2X3	*150-S-006-2-Z02	SD-33482-0001
TRANSMISSION 2X3	*150-S-006-2-Z02	N/A
STANDARD 2X4	*150-S-008-2-Z02	SD-33482-0001
UL V0 2X4	*150-S-008-2-Z02	SD-33482-0001
STANDARD 2X6	*150-S-012-2-Z01	SD-33482-0001
STANDARD 2X8	*150-S-016-2-Z01	SD-33482-0001
STANDARD 2X10	SD-33472-0001	SD-33482-0001
UL V0 2X10	SD-33472-0001	SD-33482-0001



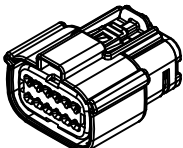
2x2



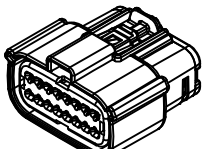
2x3



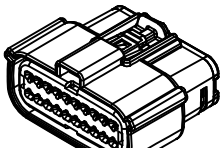
2x4



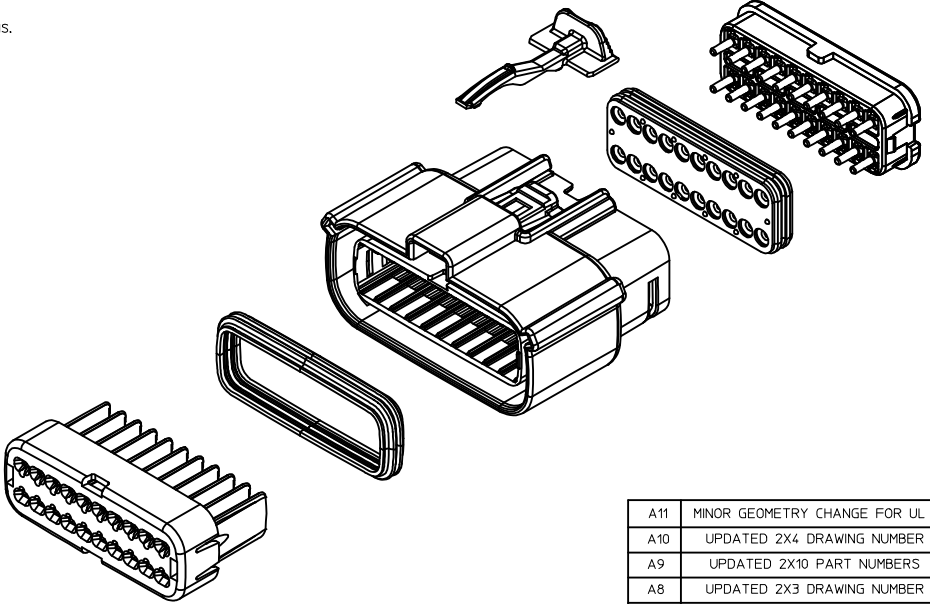
2x6



2x8



2x10



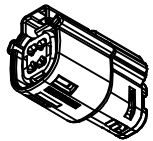
REV	REV DESCRIPTION
A11	MINOR GEOMETRY CHANGE FOR UL V0
A10	UPDATED 2X4 DRAWING NUMBER
A9	UPDATED 2X10 PART NUMBERS
A8	UPDATED 2X3 DRAWING NUMBER
A7	UPDATED 2X10 INTERFACE
A6	ADDED TRANSMISSION REFERENCES
A5	ADD 2X10 INTERFACE SHEETS
A4	ADD UL V0 CONFIGURATIONS
A3	ADDED 2X3 STD AND TRANSMISSION
A2	UPDATED 2X8 BLD DRAWINGS
A1	FIXED TYPO IN NOTE 1a, UPDATED 2X6 MOLEX INLINE BLADE DRAWING
A	INITIAL RELEASE

INSPECTION NUMBER LOG	
LAST NUMBER: 11	
ADDED: 11	
REMOVED:	

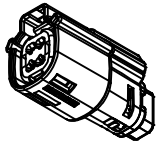
ENTER DESCRIPTION EEC NO: UA/UZ016-1539 DRWN:BTANG 2016/05/03 CHKD: APPR:KDEKOSKI 2016/05/24 REV: A11	DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>1.5:1</b>	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- 0 PLACE ± --- ± ---	DRAWN BY DATE APROFFITT 2014/05/14 CHECKED BY DATE APPROVED BY DATE VKOSHY 2014/06/27	TITLE <b>MX150 RCPT                  DUAL ROW SEALED ASSEMBLY                  MAT SEAL</b>	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. <b>SEE NOTE 2a.</b>	DOCUMENT NO. <b>SD-33472-0001</b>	SHEET NO. 1 OF 9	
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

**SHEET DESCRIPTION**

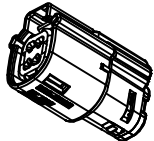
**CONFIGURATIONS**



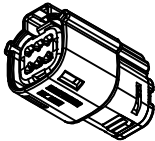
2X2 - STD.  
2X2 - TRNS. - SILICONE FREE †



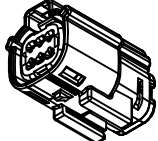
2X2 - STD. - LENGTHENED



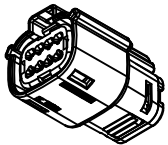
† 2X2 - UL V0



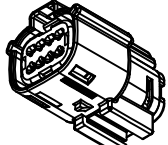
2X3 - STD.  
2X3 - TRNS. - CONTAINS SILICONE †



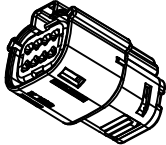
2X3 - STD. - WITH CLIPSLOT \*



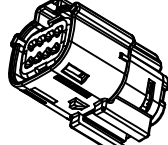
2X4 - STD.



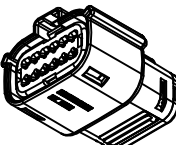
2X4 - STD. - WITH CLIPSLOT \*



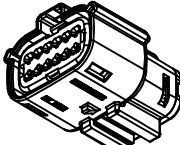
† 2X4 - UL V0



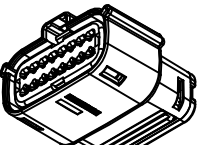
† 2X4 - UL V0-WITH CLIPSLOT\*



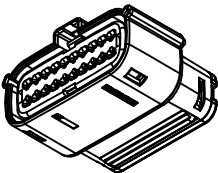
2X6 - STD.



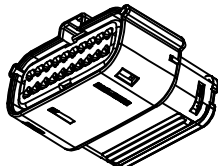
2X6 - STD. - WITH CLIPSLOT \*



2X8 - STD.



2X10 - STD.



† 2X10 - UL V0

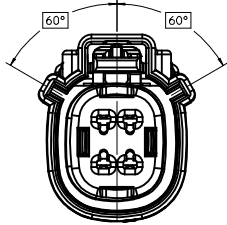
\* WITH CLIPSLOT CONFIGURATION DOES NOT MEET THE USCAR PACKAGING FRAME REQUIREMENTS

† MINOR GEOMETRY DIFFERENCE THAN STANDARD CONFIGURATION. SEE NOTES 1a & 2a-b FOR MORE INFORMATION

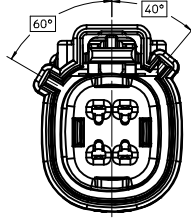
<b>ENTER DESCRIPTION</b> DEC NO: UAU2016-1539 DRWNBIBANG 2016/05/03 CHKD: APPR:KDEKOSKI 2016/05/24 A11	QUALITY SYMBOLS ▽=0 ▽=0.10 ▽=0.2 ANGULAR ± 1° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>		SCALE <b>1.5:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.10 ± ---	1 PLACE ± 0.2 ± ---	0 PLACE ± --- ± ---	DRAWN BY DATE APPROFFITT 2014/05/14	CHECKED BY DATE	TITLE <b>MX150 RCPT                  DUAL ROW SEALED ASSEMBLY                  MAT SEAL</b>
		APPROVED BY DATE VKOSHY 2014/06/27		MATERIAL NO. <b>SEE NOTE 2a.</b>	DOCUMENT NO. <b>SD-33472-0001</b>	SHEET NO. 2 OF 9			
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

**SHEET DESCRIPTION**  
KEY CONFIGURATIONS

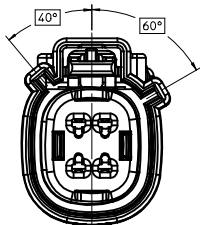
**2X2**



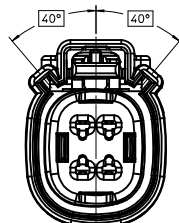
KEY A



KEY B

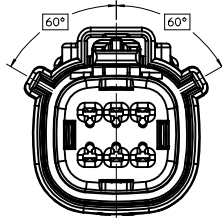


KEY C

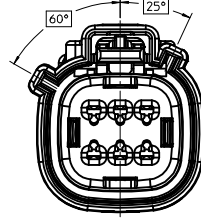


KEY D

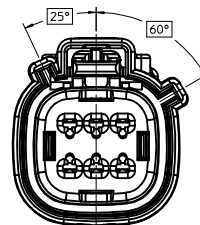
**2X3**



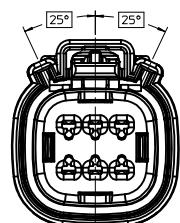
KEY A



KEY B

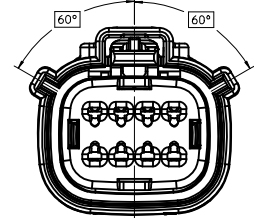


KEY C

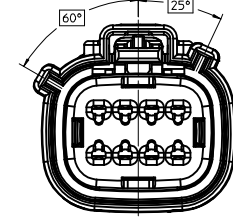


KEY D

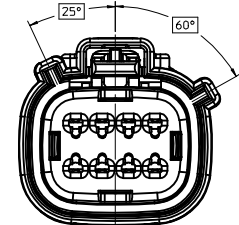
**2X4**



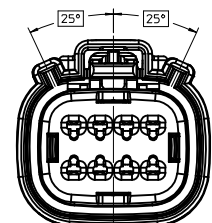
KEY A



KEY B



KEY C



KEY D

<b>ENTER DESCRIPTION</b> EEC NO: UAU2016-1539 DRW/NXB/TANG 2016/05/03 CHKD: APPR:KCE/KOSKJ 2016/05/24 A11	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE <b>MM ONLY</b>	SCALE <b>3:1</b>	DESIGN UNITS <b>METRIC</b>	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- 0 PLACE ± --- ± ---	mm INCH	DRAWN BY DATE APPROFIT 2014/05/14 CHECKED BY DATE	TITLE <b>MX150 RCPT                  DUAL ROW SEALED ASSEMBLY                  MAT SEAL</b>	APPROVED BY DATE VKOSHY 2014/06/27	MATERIAL NO. <b>SEE NOTE 2a.</b>
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± 1 °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			





BACKSHELL NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

- a. APPLICATION SPECIFICATION SEE: AS-34951-001
  - DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY SPECIFIED IN MOLEX DRAWING SD-33472-0001.
  - SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2mm TO 2.69mm.
  - COMPONENTS ARE OPTIONAL AND MUST BE PURCHASED SEPERATELY.
  - BACKSHELL DESIGN IS OWNED BY SCHLEMMER.
  - FOR ADDITIONAL INFORMATION SEE THE BACKSHELL COMPONENT DRAWING SD-34951-0001.



**molex**





