

TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES AND BOM
2	CONFIGURATIONS
3-4	KEY CONFIGURATIONS
5	RECEPTACLE CONNECTOR ASSEMBLY
6	BACKSHELL NOTES
7	BACKSHELL
8	BACKSHELL CONFIGURATIONS

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: PS-33471-000
 - UL V0 CONFIGURATION: PS-160105-0001
 - 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: QEHS-699000-301
- e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)

2. DESIGN - MATERIALS:

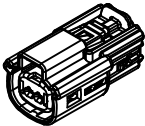
- a. FOR BILL OF MATERIALS SEE:
- STANDARD CONFIGURATION SD-33471-0002
 - UL V0 CONFIGURATION SD-160105-0002

3. DESIGN - GEOMETRY:

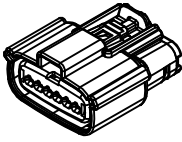
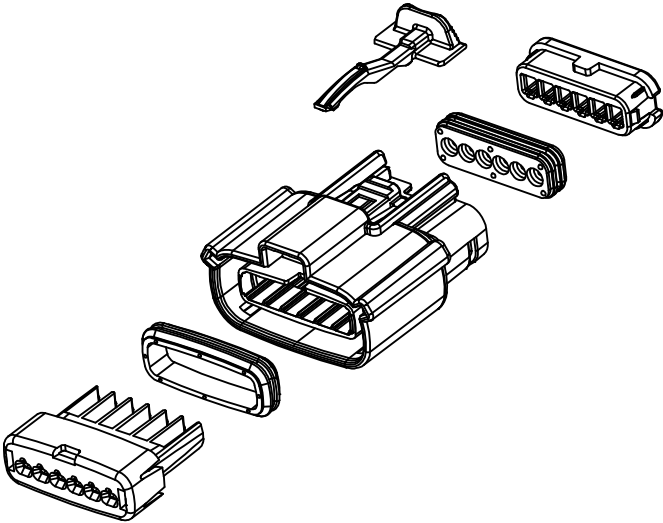
- a. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND MASTER FOR THIS PART WITH THE EXCEPTION OF UNDERLINED DIMENSIONS, DIMENSIONAL INFORMATION NOT SHOWN ON THIS DRAWING IS DEFINED BY THE DATA FILE AT ITS LATEST REVISION.
- b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
- c. EDGES AND UNDIMENSIONED 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:
- PART NUMBER
 - DAY OF THE YEAR
 - SHIFT
 - YEAR
- FOR ADDITIONAL INFORMATION SEE SECTION 5 UNDER PROCEDURES IN ES-34735-008.

PACKAGING	
DESCRIPTION	DRAWING NO.
1X2	PK-31300-635
1X6	PK-31300-903

MATING INTERFACE/CONNECTOR DRAWINGS		
DESCRIPTION	INTERFACE DEFINITION	MOLEX INLINE
1X2	*150-S-002-1-Z05	SD-33481-0001
1X6	*150-S-006-1-Z03	SD-33481-0001



1x2

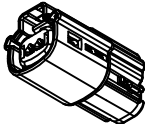


1x6

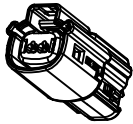
		A	MINOR GEOMETRY CHANGE FOR UL V0	
INSPECTION NUMBER LOG		2	UPDATE VIEWSETS	
LAST NUMBER: 11		1	INITIAL RELEASE	
ADDED: 11		REV	REV DESCRIPTION	
REMOVED:				
DIMENSION STYLE MM ONLY		SCALE 1.5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
DRAWN BY DATE ROFFITT 2015/11/04		TITLE MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL molex		
CHECKED BY DATE				
APPROVED BY DATE EKOSKI 2016/06/14		SHEET NO. 1 OF 8		
MATERIAL NO.				
SEE NOTE 2a.		DOCUMENT NO. SD-33471-0001		
NOTE 1: THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

SHEET DESCRIPTION

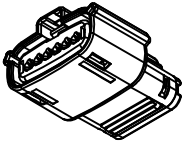
CONFIGURATIONS



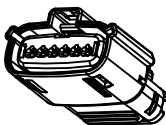
1x2 - STD



1x2 - UL V0*



1x6 - STD



1x6 - UL V0*

*MINOR GEOMETRY DIFFERENCE THAN STANDARD CONFIGURATION
SEE NOTES 1 & 2 FOR MORE INFORMATION

ENTER DESCRIPTION EC NO: UAU2016-1641 DRAWN BY: CHYKD CHKD: APPR:KDEKOSKI A	2016/05/10 2016/06/14	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE 1.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm		INCH		DRAWN BY	DATE	TITLE MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL molex					
				4 PLACES		± ---		APPROFIT						2015/11/04	
				3 PLACES		± ---		CHECKED BY						DATE	
				2 PLACES		± 0.10		APPROVED BY		DATE		DOCUMENT NO. SD-33471-0001			
				1 PLACE		± 0.2		KDEKOSKI		2016/06/14					
				0 PLACE		± ---		MATERIAL NO.		SEE NOTE 2a.					
				ANGULAR ± 1 °				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SHEET NO. 2 OF 8			
				SIZE A1 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																						
SHEET DESCRIPTION KEY CONFIGURATIONS																																									
1X2																																									
60° 60° KEY A 60° 35° KEY B 35° 60° KEY C 35° 35° KEY D																																									
ENTER DESCRIPTION EC NO: UAU2016-1641 DRWN:BTANG 2016/05/10 CHKD: CHYKD APPR:KDEKOSKI 2016/06/14 REV						QUALITY SYMBOLS =0 =0 =0		GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± .---</td><td>± .---</td></tr><tr><td>3 PLACES</td><td>± .---</td><td>± .---</td></tr><tr><td>2 PLACES</td><td>± 0.10</td><td>± .---</td></tr><tr><td>1 PLACE</td><td>± 0.2</td><td>± .---</td></tr><tr><td>0 PLACE</td><td>± .---</td><td>± .---</td></tr></table> ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			mm	INCH	4 PLACES	± .---	± .---	3 PLACES	± .---	± .---	2 PLACES	± 0.10	± .---	1 PLACE	± 0.2	± .---	0 PLACE	± .---	± .---	DIMENSION STYLE MM ONLY <table><tr><td>DRAWN BY</td><td>DATE</td></tr><tr><td>APPROFIT</td><td>2015/11/04</td></tr><tr><td>CHECKED BY</td><td>DATE</td></tr><tr><td>APPROVED BY</td><td>DATE</td></tr><tr><td>KDEKOSKI</td><td>2016/06/14</td></tr></table> MATERIAL NO. SEE NOTE 2a. SIZE A1		DRAWN BY	DATE	APPROFIT	2015/11/04	CHECKED BY	DATE	APPROVED BY	DATE	KDEKOSKI	2016/06/14	SCALE 3:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL molex DOCUMENT NO. SD-33471-0001 SHEET NO. 3 OF 8	
	mm	INCH																																							
4 PLACES	± .---	± .---																																							
3 PLACES	± .---	± .---																																							
2 PLACES	± 0.10	± .---																																							
1 PLACE	± 0.2	± .---																																							
0 PLACE	± .---	± .---																																							
DRAWN BY	DATE																																								
APPROFIT	2015/11/04																																								
CHECKED BY	DATE																																								
APPROVED BY	DATE																																								
KDEKOSKI	2016/06/14																																								
1b_frame_A1_P_AM_T Rev. G 2012/01/11						19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1																	

ENTER DESCRIPTION
EC NO: UAU2016-1641
DRWN:BTANG 2016/05/10
CHKD: CHYKD
APPR:KDEKOSKI 2016/06/14
REV

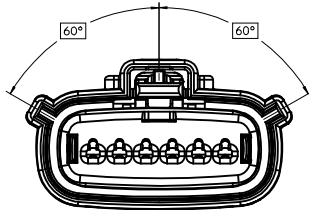
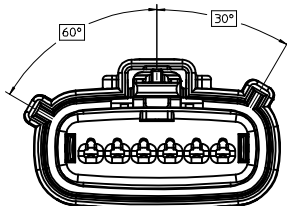
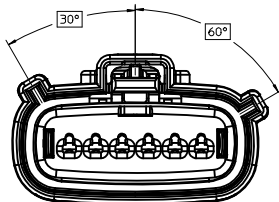
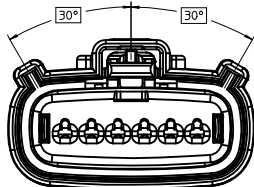
QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	mm	INCH
=0	4 PLACES ± ---	± ---
=0	3 PLACES ± ---	± ---
=0	2 PLACES ± 0.10	± ---
=0	1 PLACE ± 0.2	± ---
=0	0 PLACE ± ---	± ---
	ANGULAR ± 1 °	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
APPROVED BY	DATE
DATE	2015/11/04
DATE	2016/06/14
MATERIAL NO.	
SEE NOTE 2a.	

SCALE	3:1	DESIGN UNITS	METRIC	THIRD ANGLE PROJECTION
TITLE				
MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL				
DOCUMENT NO.				
SD-33471-0001				
SHEET NO.				
3 OF 8				

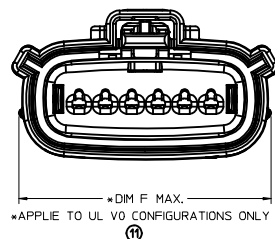


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

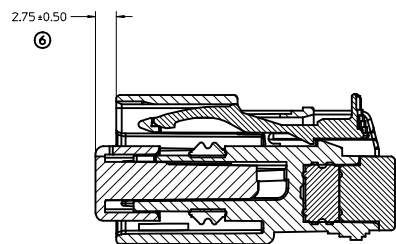
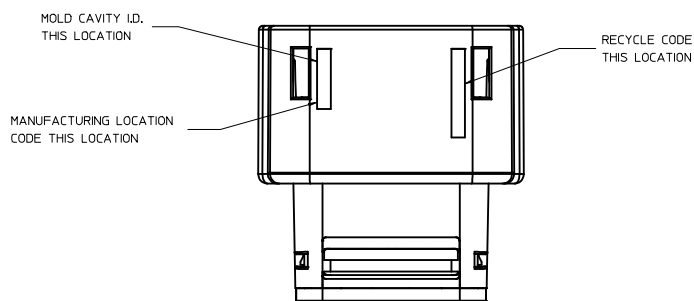
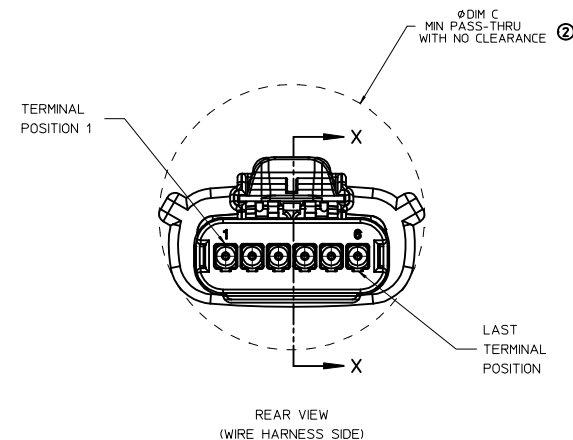
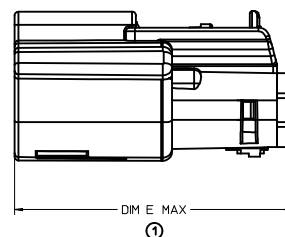
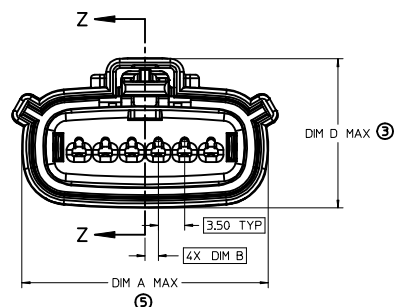
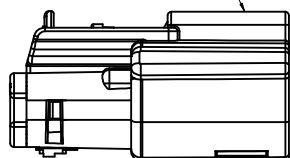
20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1				
SHEET DESCRIPTION KEY CONFIGURATIONS CONT.						1X6																	
																							
						KEY A																	
																							
						KEY B																	
																							
						KEY C																	
																							
						KEY D																	
ENTER DESCRIPTION EC NO: UAU2016-1641 DRWN:ABTANG 2016/05/10 CHKD: A APPR:KDEKOSKI 2016/06/14 DESCRIPTION QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- 0 PLACE ± --- ± --- ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS DIMENSION STYLE MM ONLY DRAWN BY DATE APPROFFITT 2015/11/04 CHECKED BY DATE APPROVED BY DATE KDEKOSKI 2016/06/14 MATERIAL NO. SEE NOTE 2a. SIZE A1 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION SCALE 3:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION TITLE MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL molex DOCUMENT NO. SD-33471-0001 SHEET NO. 4 OF 8																							

RECEPTACLE CONNECTOR ASSEMBLY - STD

CHARTED DIMENSIONS						
DESCRIPTION	DIMENSIONS					
	A	B	C	D	E	F
1X2	19.40	1.75	21.73	20.55	37.65	19.64
1X6	32.75	1.75	35.21	19.90	37.65	N/A
1X6 UL V0	N/A	1.75	35.23	19.90	37.65	33.64

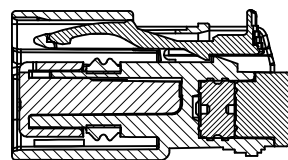


LASER MARKING ON THIS SURFACE
SEE NOTE 3q.



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN PRE-STAGED POSITION

SECTION Z-Z



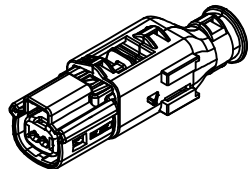
PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN FINAL-LOCK POSITION

SECTION X-X

ENTER DESCRIPTION EC NO. UAU2016-1641 DRAWING NO. 2016/05/10 CHKD: DSWAN86TANG APPR: A6KOSK1 2016/06/14	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm INCH		DRAWN BY APROFFITT	DATE 2015/11/04	TITLE MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL molex			
				CHECKED BY	DATE				
				APPROVED BY	DATE 2016/06/14				
		4 PLACES + + + +		KDEKOSK1		MATERIAL NO.		DOCUMENT NO.	SHEET NO.
		3 PLACES + + + +		SEE NOTE 2a.		SD-33471-0001		5 OF 8	
		2 PLACES + ±0.10 + +		SIZE 1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		1 PLACE + ±0.2 + +							
		0 PLACE + + + +							
		ANGULAR ± 1°							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

SHEET DESCRIPTION

BACKSHELL NOTES



1X2

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-33471-0001.
 - 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-34949-0001.

BACKSHELL CUSTOMER
MODEL NUMBER LEGEND

34949-XXXX

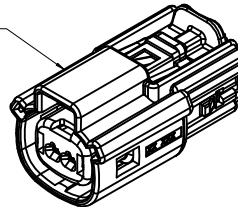
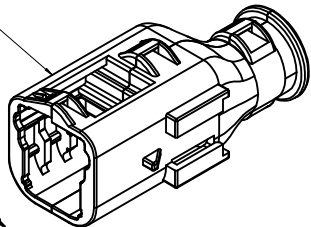
- CUSTOMER MODEL COMPONENTS
- 0 - BACKSHELL ONLY
 - 1 - BACKSHELL & MX150 HOUSING KEY A ASSEMBLY
 - 2 - BACKSHELL & MX150 HOUSING KEY B ASSEMBLY
 - 3 - BACKSHELL & MX150 HOUSING KEY C ASSEMBLY
 - 4 - BACKSHELL & MX150 HOUSING KEY D ASSEMBLY

- BACKSHELL FEATURES
- 1 - WITH RIBS
 - 2 - WITHOUT RIBS

MX150 CIRCUIT SIZE 02, 03, 04, 05, 06

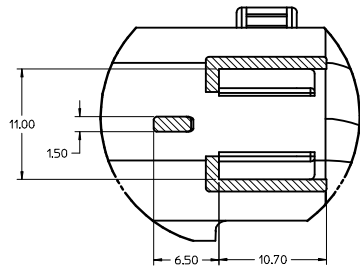
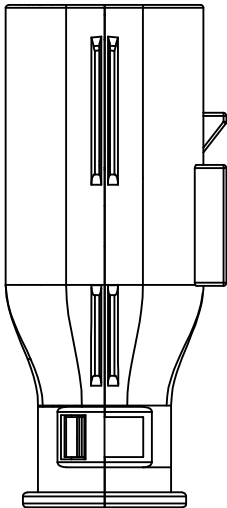
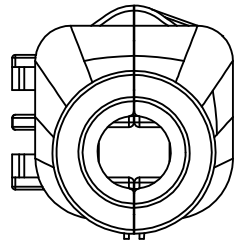
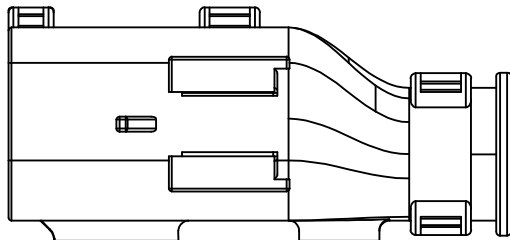
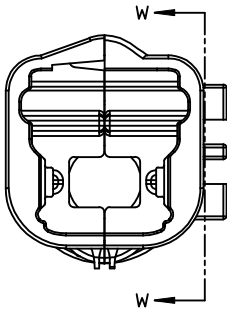
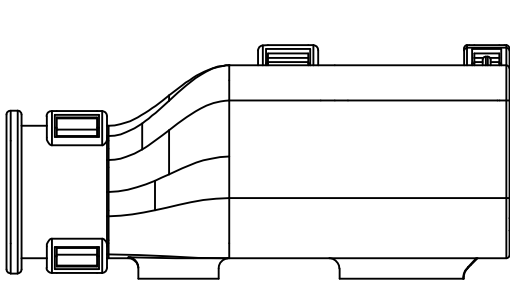
BACKSHELL (BKS)

RECEPTACLE SEALED ASSEMBLY



ENTER DESCRIPTION EC NO: UAU2016-1641 DRAWN BY: TANG CHKD: APPR: KDEKOSKI REV: A	DESCRIPTION 2016/06/14	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
					mm	INCH	DRAWN BY APROFFIT	DATE 2015/11/04	TITLE MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL molex DOCUMENT NO. SD-33471-0001				
			4 PLACES	±---	±---	CHECKED BY	DATE						
			3 PLACES	±---	±---	APPROVED BY KDEKOSKI							
			2 PLACES	±0.10	±---								
			1 PLACE	±0.2	±---			DATE 2016/06/14					
					0 PLACE	±---	±---	MATERIAL NO. SEE NOTE 2a.		SHEET NO. 6 OF 8			
					ANGULAR ± 1 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
							SIZE A1	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

SHEET DESCRIPTION
BACKSHELL



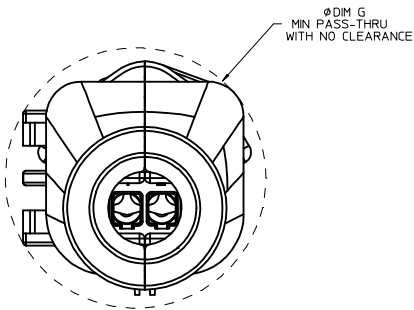
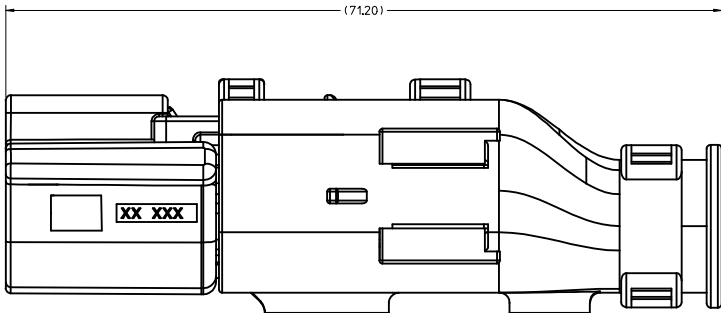
Partial W-W
SCALE 4:1

ENTER DESCRIPTION EC NO: UAU2016-1641 DRWN: BTANG CHKD: APPR: KDEKOSKI A	2016/06/14	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				$\nabla=0$ $\nabla=0$ $\nabla=0$	mmINCH	DRAWN BY APPROFFITT CHECKED BY DATE 2015/11/04	DATE 2016/06/14	TITLE MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL molex	DOCUMENT NO. SD-33471-0001	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	ANGULAR $\pm 1^\circ$	SEE NOTE 2a.	SHEET NO. 7 OF 8	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
				SIZE A1						

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

SHEET DESCRIPTION
BACKSHELL CONFIGURATIONS

CHARTED DIMENSIONS	
DESCRIPTION	DIMENSIONS
	G
1X2	26.00

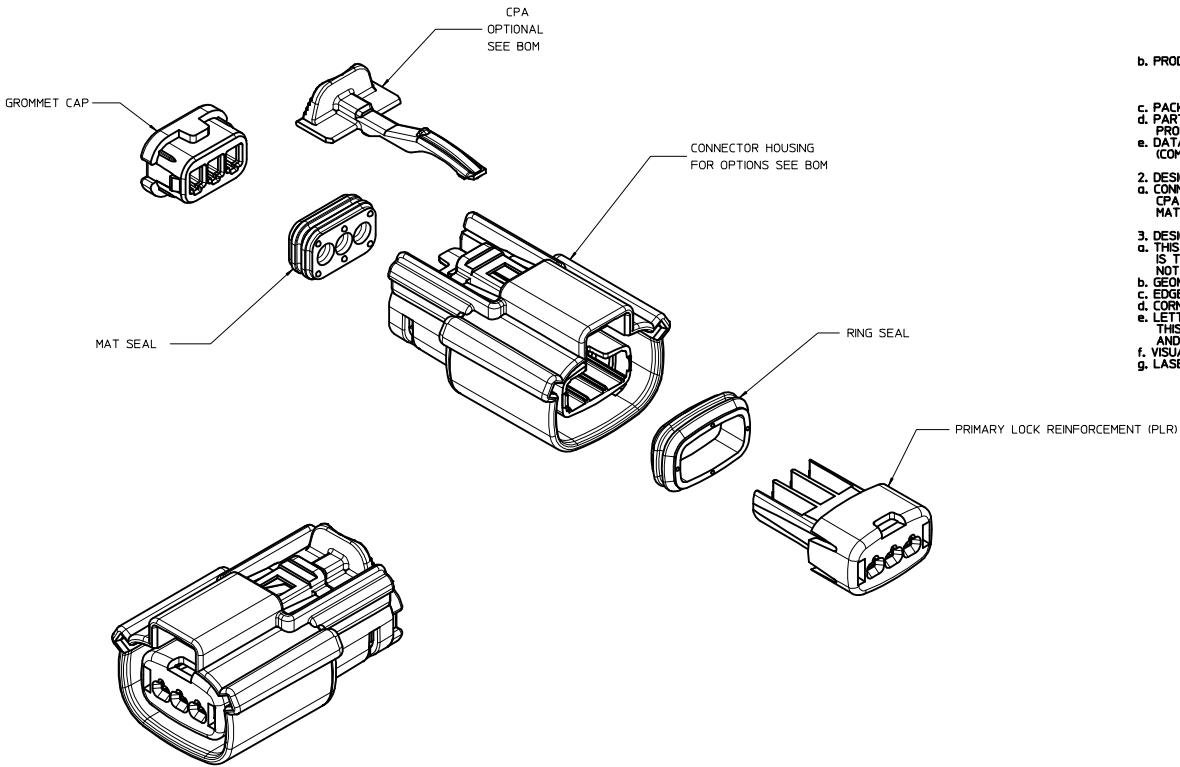


RECEPTACLE SEALED ASSEMBLY WITH RECEPTACLE BACKSHELL

ENTER DESCRIPTION EC NO: UAU2016-1641 DRWN:BTANG 2016/05/10 CHKD: APPR:KDEKOSKI 2016/06/14 REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				DRAWN BY DATE APPROFIT 2015/11/04		TITLE MX150 RCPT SINGLE ROW SEALED ASSY MAT SEAL			
				CHECKED BY DATE					
		4 PLACES ± --- ± ---		APPROVED BY DATE KDEKOSKI 2016/06/14		DOCUMENT NO. SD-33471-0001			
		3 PLACES ± --- ± ---		MATERIAL NO.					
		2 PLACES ± 0.10 ± ---		ANGULAR ± 1 °		SEE NOTE 2a.			
		1 PLACE ± 0.2 ± ---							
		0 PLACE ± --- ± ---				DOCUMENT NO. SD-33471-0001			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A 1		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

TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES
2	KEY CONFIGURATIONS
3	RECEPTACLE SEALED ASSEMBLY
4	BACKSHELL NOTES
5	BACKSHELL
6	BACKSHELL CONFIGURATION
7	BOM



NOTES: VALID UNLESS OTHERWISE SPECIFIED

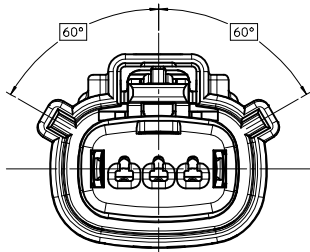
1. GENERAL:
- a. APPLICATION SPECIFICATION SEE: AS-33472-100
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
 - DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN DRAWING EWCAP 150-S-003-1-Z05, AVAILABLE AT <<http://ewcap.uscorteam.org/>>.
 - DESIGNED TO MATE WITH BLADE SEALED ASSEMBLY AS SPECIFIED IN DRAWING SD-33481-031
 - FOR 15mm RECEPTACLE TERMINALS TO BE USED WITH THIS ASSEMBLY. SEE MOLEX DRAWING SD-33012-002.
 - SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2 mm TO 2.69 mm.
 - ASSEMBLY SHIPPED WITH PLR AND CPA IN PRE-LOCK POSITION (SEE SECTION Z-Z PRE-LOCK).
 - IN THE EVENT THAT THE PLR IS FOUND IN THE SEATED (FINAL LOCK) POSITION, REFER TO MOLEX SPECIFICATION PS-34646-001, AVAILABLE AT www.molex.com -<<http://www.molex.com>>.
 - ASSEMBLY CONFORMS TO SAE/USCAR-2 REV.4 WITH THE FOLLOWING EXCEPTIONS: ENGAGEMENT FORCE TO MOVE CPA FROM PRE-LOCK TO FINAL LOCK POSITION WHEN UNMATED: 40N MIN. DISENGAGEMENT FORCE TO MOVE CPA FROM FINAL LOCK TO PRE-LOCK POSITION: 3N MIN, 40N MAX. TERMINAL INSERTION FORCE FOR WIRE DIAMETER ABOVE 2.5mm NOT EXCEEDING 2.69mm SHALL NOT EXCEED 40 NEWTONS.
- b. PRODUCT SPECIFICATION SEE: PS-33471-000
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), AND PRODUCT VALIDATION.
- c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31300-635
- 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)
2. DESIGN - MATERIALS:
- a. CONNECTOR HOUSING, GROMMET CAP, PLR: SPS/NYLON BLEND 20% GLASS FILLED
- CPA: PBT 20% GLASS FILLED
- MAT SEAL, RING SEAL: INHERENTLY LUBRICATED SILICONE
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 ISO1975
- 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: TBD

INSPECTION NUMBER LOG
LAST NUMBER USED: 5
ADDED:
REMOVED:

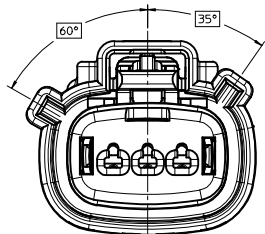
Q7	ADD NEW P/NS 33471-33XX
Q6	UPDATED VIEWS
Q5	ADD BACKSHELL CONFIGURATION
Q4	ADD NEW P/N 33471-0347
Q3	334710345 IS SAME AS 334710340 SO VOID 334710345
Q2	CHANGE THE STATUS TO SALEABLE
Q1	UPDATED NOTES
Q	REDRAWN
REV	DESCRIPTION

ENTER DESCRIPTION EC NO. 1A12P08-0279 DRAWN SINGOS 2017/09/12 CHKD KAWAS.AMBRO 2017/09/12 APPROVED KAWAS.AMBRO 2017/09/12	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ±.000 3 PLACES ±.001 2 PLACES ±0.1 1 PLACE ±0.30 0 PLACE ±.005 ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			DRAWN BY DATE		TITLE		
			DMARCOUX 06/18/2002		MX150 1X3 RECEPTACLE		
			CHECKED BY DATE		SEALED ASSEMBLY		
			DGRIFITHS 6/18/2002		MAT SEAL		
REV Q7	DECISION	APPROVED BY DATE	FHOUB 06/18/2002		molex		
			MATERIAL NO.	DOCUMENT NO.	SD-33471-031		
			SEE BOM		1 OF 7		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

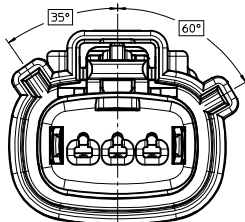
KEY CONFIGURATIONS



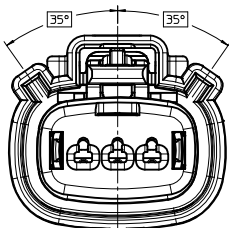
KEY A



KEY B



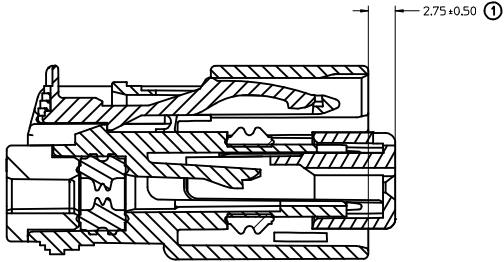
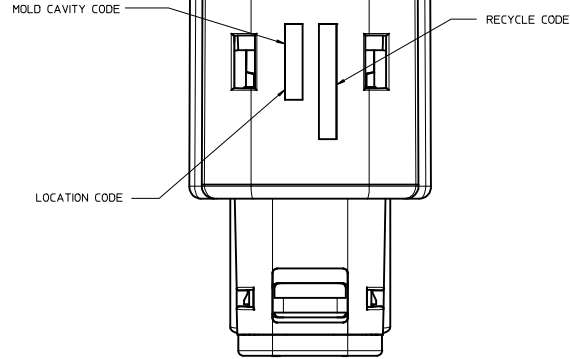
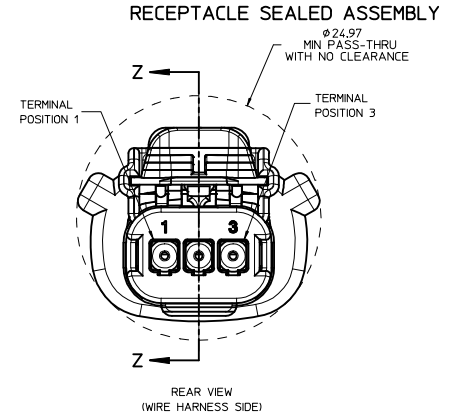
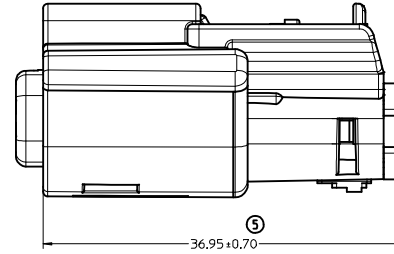
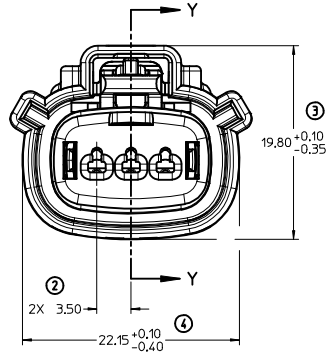
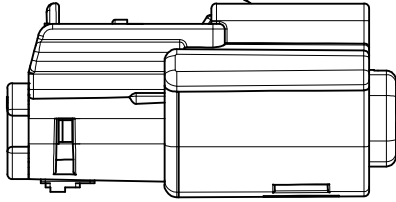
KEY C



KEY D

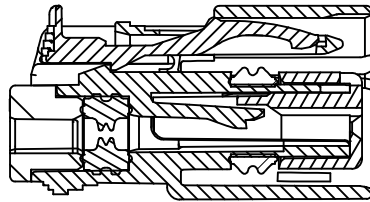
ENTER DESCRIPTION IEC NO: UAU2018-0229 DRAWN: SONG05 2017/09/12 CHKD: WJANSI, AMBROU 2017/09/12 APPR: WJANSI, AMBROU 2017/09/16 Q7	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION			
			mm	INCH	DRAWN BY DMARCOUX	DATE 06/18/2002	TITLE MX150 1X3 RECEPTACLE SEALED ASSEMBLY MAT SEAL					
		4 PLACES	± ---	± ---	CHECKED BY DGRIFITHS	DATE 6/18/2002	MATERIAL NO. SEE BOM					
		3 PLACES	± ---	± ---	APPROVED BY FHOLUB	DATE 06/18/2002						
				2 PLACES	± 0.1	± ---	DOCUMENT NO. SD-33471-031					
				1 PLACE	± 0.30	± ---						
				0 PLACE	±	±	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
				ANGULAR ± 3 °								
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SHEET NO. 2 OF 7					

LASER MARKING ON THIS SURFACE
SEE NOTE 3g.



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN PRE-STAGED POSITION

SECTION Z-Z



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN FINAL LOCK POSITION

SECTION Y-Y

ENTER DESCRIPTION IEC NO: UAU2018-0229 DRAWN: SONGS 2017/09/12 CHKD: WJANS, AMBROU 2017/09/12 APPR: WJANS, AMBROU 2017/09/12 Q7 REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY DMARCOUX	DATE 06/18/2002	TITLE MX150 1X3 RECEPTACLE SEALED ASSEMBLY MAT SEAL		
		4 PLACES ±	---	± ---	CHECKED BY DGRIFITHS	DATE 6/18/2002	DOCUMENT NO. SD-33471-031		
		3 PLACES ±	---	± ---	APPROVED BY FHOLUB	DATE 06/18/2002			
				2 PLACES ±	0.1	± ---	MATERIAL NO. SEE BOM		
				1 PLACE ±	0.30	± ---			
				0 PLACE ±		±			
				ANGULAR ± 3 °			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
				SIZE D					

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

BACKSHELL NOTES

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-33471-031.

-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-34949-0001.

BACKSHELL (BKS)

RECEPTACLE SEALED ASSEMBLY

BACKSHELL CUSTOMER
MODEL NUMBER LEGEND

34949-XXXX

CUSTOMER MODEL COMPONENTS

- 0 - BACKSHELL ONLY
- 1 - BACKSHELL & MX150 HOUSING KEY A ASSEMBLY
- 2 - BACKSHELL & MX150 HOUSING KEY B ASSEMBLY
- 3 - BACKSHELL & MX150 HOUSING KEY C ASSEMBLY
- 4 - BACKSHELL & MX150 HOUSING KEY D ASSEMBLY

BACKSHELL FEATURES

- 1 - WITH RIBS
- 2 - WITHOUT RIBS

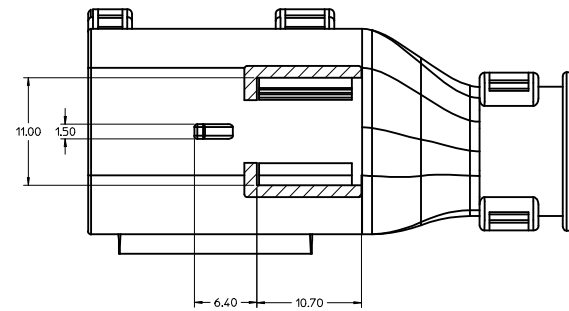
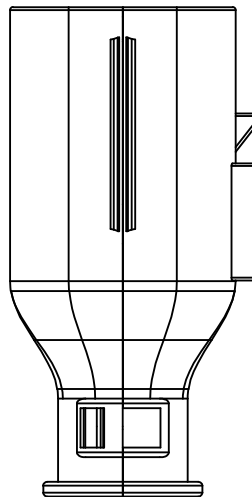
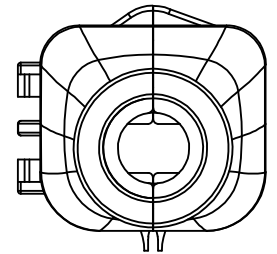
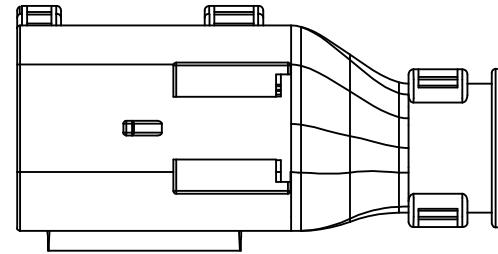
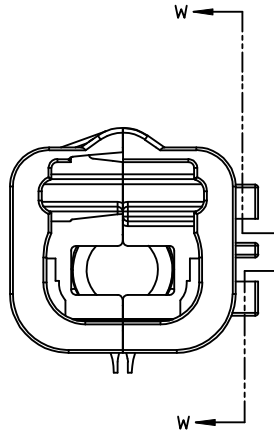
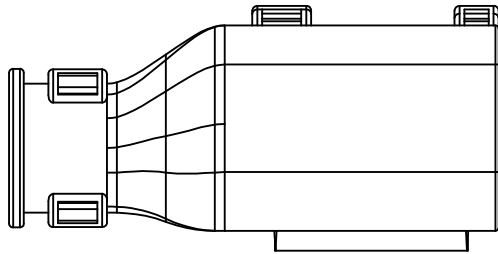
MX150 CIRCUIT SIZE 02, 03, 04, 05, 06

ENTER DESCRIPTION IEC NO: UAU2018-0229 DRAWN: SONG05 2017/09/12 CHKD: WJANSI, AMBROU 2017/09/12 APPR: WJANSI, AMBROU 2017/09/16 Q7	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE MX150 1X3 RECEPTACLE SEALED ASSEMBLY MAT SEAL molex	DOCUMENT NO. SD-33471-031	SHEET NO. 4 OF 7	
				mm	INCH	DRAWN BY DMARCOUX	DATE 06/18/2002						
			4 PLACES ±	---	±	CHECKED BY DGRIFFI THS	DATE 6/18/2002						
			3 PLACES ±	---	±	APPROVED BY FHOLUB	DATE 06/18/2002						
			2 PLACES ±	0.1	±								
			1 PLACE ±	0.30	±								
			0 PLACE ±		±								
			ANGULAR ± 3 °		MATERIAL NO. SEE BOM								
			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

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

BACKSHELL
THE VIEWS ON THIS SHEET ARE
IN THE CLOSED UN-ASSEMBLED POSITION



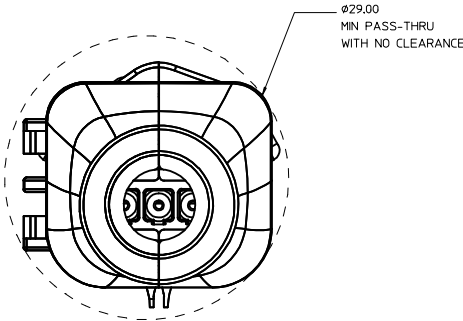
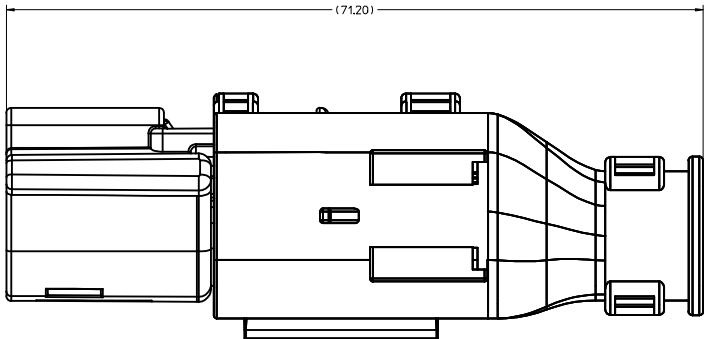
SECTION W-W

ENTER DESCRIPTION IEC NO: IAU2018-0229 DRAWN: SONG05 2017/09/12 CHKD: WJANSI, AMBROU 2017/09/12 APPR: WJANSI, AMBROU 2017/09/16 Q7	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY DARCOUX	DATE 06/18/2002	TITLE MX150 1X3 RECEPTACLE SEALED ASSEMBLY MAT SEAL		
		4 PLACES ±		---	±	---	CHECKED BY DGRIFITHS	DATE 6/18/2002	molex	
		3 PLACES ±		---	±	---	APPROVED BY FHOLUB	DATE 06/18/2002		
		2 PLACES ±		0.1	±	---				
		1 PLACE ±		0.30	±	---				
		0 PLACE ±			±					
REV Q7	DESCRIPTION	ANGULAR ± 3 °				MATERIAL NO. SEE BOM		DOCUMENT NO. SD-33471-031		SHEET NO. 5 OF 7
		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

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

BACKSHELL CONFIGURATIONS



RECEPTACLE SEALED ASSEMBLY WITH RECEPTACLE BACKSHELL

ENTER DESCRIPTION EC NO: UAU2018-0229 DRAWN: SONG05 2017/09/12 CHKD: WJANS/AMBROU 2017/09/12 APPR: WJANS/AMBROU 2017/09/16	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)				DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY DMARCOUX	DATE 06/18/2002	TITLE MX150 1X3 RECEPTACLE SEALED ASSEMBLY MAT SEAL		
		4 PLACES		±	---	CHECKED BY DGR IFF ITHS	DATE 6/18/2002	molex		
		3 PLACES		±	---	APPROVED BY FHOLUB	DATE 06/18/2002			
		2 PLACES		±	0.1					
		1 PLACE		±	0.30					
		0 PLACE		±						
		ANGULAR ± 3 °				MATERIAL NO.		DOCUMENT NO.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE BOM		SD-33471-031		
						SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
						SHEET NO. 6 OF 7				

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

ASSEMBLY PART NUMBER	COLOR	KEYING OPTION	QWITY TYPE A STATUS X= PLUGGED			CPA	STATUS	OPTIONAL ATTACHMENTS SOLD SEPARATELY	
			1	2	3			BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS
33471-0301	BLACK	A				-	SALEABLE	34949-0310	34949-0320
33471-0302	LT.GRAY	B				-	SALEABLE	34949-0310	34949-0320
33471-0303	BROWN	C				-	NOT RECOMMENDED---SEE P/N 33471-0343	34949-0310	34949-0320
33471-0304	GREEN	D				-	NOT RECOMMENDED---SEE P/N 33471-0344	34949-0310	34949-0320
33471-0305						VOIDED			
33471-0306	BLACK	A				YES	SALEABLE	34949-0310	34949-0320
33471-0307	LT.GRAY	B				YES	SALEABLE	34949-0310	34949-0320
33471-0308	BROWN	C				YES	NOT RECOMMENDED---SEE P/N 33471-0340	34949-0310	34949-0320
33471-0309	GREEN	D				YES	NOT RECOMMENDED---SEE P/N 33471-0346	34949-0310	34949-0320
33471-0310						VOIDED			
33471-0311	BLACK	A		X		-	SALEABLE	34949-0310	34949-0320
33471-0312	LT.GRAY	B		X		-	SALEABLE	34949-0310	34949-0320
33471-0313	BROWN	C		X		-	SALEABLE	34949-0310	34949-0320
33471-0314	GREEN	D		X		-	SALEABLE	34949-0310	34949-0320
33471-0315						VOIDED			
33471-0316	BLACK	A		X		YES	SALEABLE	34949-0310	34949-0320
33471-0317	LT.GRAY	B		X		YES	SALEABLE	34949-0310	34949-0320
33471-0318	BROWN	C		X		YES	SALEABLE	34949-0310	34949-0320
33471-0319	GREEN	D		X		YES	SALEABLE	34949-0310	34949-0320
33471-0320						VOIDED			
33471-0321	BLACK	A	X	X		-	SALEABLE	34949-0310	34949-0320
33471-0322	LT.GRAY	B	X	X		-	SALEABLE	34949-0310	34949-0320
33471-0323	BROWN	C	X	X		-	SALEABLE	34949-0310	34949-0320
33471-0324	GREEN	D	X	X		-	SALEABLE	34949-0310	34949-0320
33471-0325						VOIDED			
33471-0326	BLACK	A	X	X	X	YES	SALEABLE	34949-0310	34949-0320
33471-0327	LT.GRAY	B	X	X	X	YES	SALEABLE	34949-0310	34949-0320
33471-0328	BROWN	C	X	X	X	YES	SALEABLE	34949-0310	34949-0320
33471-0329	GREEN	D	X	X	X	YES	SALEABLE	34949-0310	34949-0320
33471-0330						VOIDED			
33471-0331	BLACK	A	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-0332	LT.GRAY	B	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-0333	BROWN	C	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-0334	GREEN	D	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-0335						VOIDED			
33471-0336	BLACK	A		X		YES	SALEABLE	34949-0310	34949-0320
33471-0337	BLACK	A		X		-	SALEABLE	34949-0310	34949-0320
33471-0338	BLACK	A	X	X	X	YES	SALEABLE	34949-0310	34949-0320
33471-0339	BLACK	A	X			-	SALEABLE	34949-0310	34949-0320
33471-0340	DK.GRAY	C				YES	SALEABLE	34949-0310	34949-0320
33471-0341	LT.GRAY	B		X		YES	SALEABLE	34949-0310	34949-0320
33471-0342	DK.GRAY	C	X			YES	SALEABLE	34949-0310	34949-0320
33471-0343	DK.GRAY	C				-	SALEABLE	34949-0310	34949-0320
33471-0344	ST.GRAY	D				-	SALEABLE	34949-0310	34949-0320
33471-0345	DK.GRAY	C				YES	OBSOLETE---SEE P/N 33471-0340	34949-0310	34949-0320
33471-0346	ST.GRAY	D				YES	SALEABLE	34949-0310	34949-0320
33471-0347	YELLOW	A				YES	SALEABLE	34949-0310	34949-0320

*FOR ASSEMBLY P/N'S 33471-0340 AND 33471-0342 REFER TO SALEABLE KEY OPTION C ASSEMBLY P/N'S ABOVE

ASSEMBLY PART NUMBER	COLOR	KEYING OPTION	QWITY TYPE A STATUS X=PLUGGED			CPA	STATUS	OPTIONAL ATTACHMENTS SOLD SEPARATELY	
			1	2	3			BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS
33471-3301	BLACK	A				-	SALEABLE	34949-0310	34949-0320
33471-3302	LT.GRAY	B				-	SALEABLE	34949-0310	34949-0320
33471-3303	BROWN	C				-	NOT RECOMMENDED--SEE P/N 33471-3343	34949-0310	34949-0320
33471-3304	GREEN	D				-	NOT RECOMMENDED--SEE P/N 33471-3344	34949-0310	34949-0320
33471-3305						VOIDED			
33471-3306	BLACK	A				YES	SALEABLE	34949-0310	34949-0320
33471-3307	LT.GRAY	B				YES	SALEABLE	34949-0310	34949-0320
33471-3308	BROWN	C				YES	NOT RECOMMENDED--SEE P/N 33471-3340	34949-0310	34949-0320
33471-3309	GREEN	D				YES	NOT RECOMMENDED--SEE P/N 33471-3346	34949-0310	34949-0320
33471-3310						VOIDED			
33471-3311	BLACK	A			X	-	SALEABLE	34949-0310	34949-0320
33471-3312	LT.GRAY	B			X	-	SALEABLE	34949-0310	34949-0320
33471-3313	BROWN	C			X	-	SALEABLE	34949-0310	34949-0320
33471-3314	GREEN	D			X	-	SALEABLE	34949-0310	34949-0320
33471-3315						VOIDED			
33471-3316	BLACK	A			X	YES	SALEABLE	34949-0310	34949-0320
33471-3317	LT.GRAY	B			X	YES	SALEABLE	34949-0310	34949-0320
33471-3318	BROWN	C			X	YES	SALEABLE	34949-0310	34949-0320
33471-3319	GREEN	D			X	YES	SALEABLE	34949-0310	34949-0320
33471-3320						VOIDED			
33471-3321	BLACK	A	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-3322	LT.GRAY	B	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-3323	BROWN	C	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-3324	GREEN	D	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-3325						VOIDED			
33471-3326	BLACK	A	X	X	X	YES	SALEABLE	34949-0310	34949-0320
33471-3327	LT.GRAY	B	X	X	X	YES	SALEABLE	34949-0310	34949-0320
33471-3328	BROWN	C	X	X	X	YES	SALEABLE	34949-0310	34949-0320
33471-3329	GREEN	D	X	X	X	YES	SALEABLE	34949-0310	34949-0320
33471-3330						VOIDED			
33471-3331	BLACK	A	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-3332	LT.GRAY	B	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-3333	BROWN	C	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-3334	GREEN	D	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-3335						VOIDED			
33471-3336	BLACK	A		X		YES	SALEABLE	34949-0310	34949-0320
33471-3337	BLACK	A		X		-	SALEABLE	34949-0310	34949-0320
33471-3338	BLACK	A	X	X	X	YES	SALEABLE	34949-0310	34949-0320
33471-3339	BLACK	A	X			-	SALEABLE	34949-0310	34949-0320
33471-3340	DK.GRAY	C				YES	SALEABLE	34949-0310	34949-0320
33471-3341	LT.GRAY	B		X		YES	SALEABLE	34949-0310	34949-0320
33471-3342	DK.GRAY	C		X		YES	SALEABLE	34949-0310	34949-0320
33471-3343	DK.GRAY	C				-	SALEABLE	34949-0310	34949-0320
33471-3344	ST.GRAY	D				-	SALEABLE	34949-0310	34949-0320
33471-3345	DK.GRAY	C				YES	OBSOLETE---SEE P/N 33471-3340	34949-0310	34949-0320
33471-3346	ST.GRAY	D				YES	SALEABLE	34949-0310	34949-0320
33471-3347	YELLOW	A				YES	SALEABLE	34949-0310	34949-0320

*FOR ASSEMBLY P/N'S 33471-3340 AND 33471-3342 REFER TO SALEABLE KEY OPTION C ASSEMBLY P/N'S ABOVE

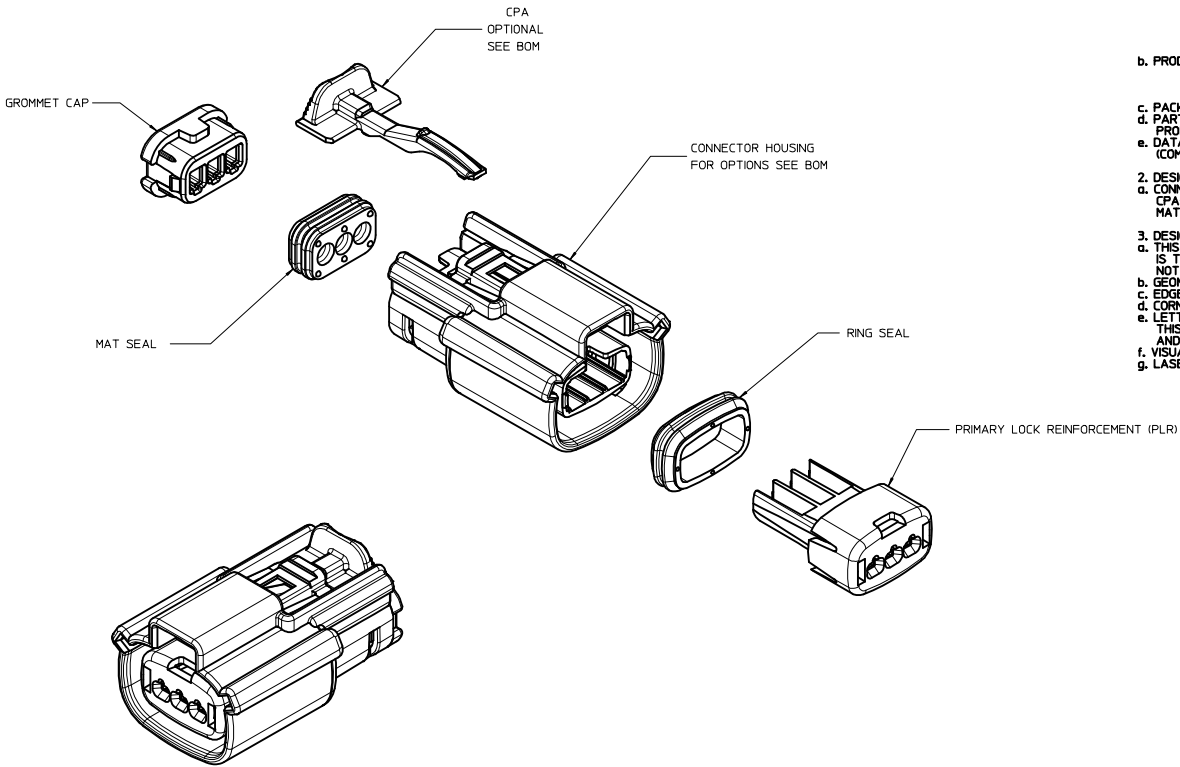
ENTER DESCRIPTION ECC NO. UAU2018-0229 DRAWN:SONG5 2017/09/22 CHKD:WANGS.AMBROU2017/09/22 APPR:WANGS.AMBROU2017/09/26 Q7	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		mm		INCH		DRAWN BY DMARCOUX	DATE 06/18/2002			
		4 PLACES ± ---		± ---		CHECKED BY DGRIFFI THS	DATE 6/18/2002			
		2 PLACES ± 0.1		± ---		APPROVED BY FHOLUB	DATE 06/18/2002			
		1 PLACE ± 0.30		± ---				MATERIAL NO. SEE BOM		
		0 PLACE ±		±						
		ANGULAR ± 3 °								
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								
								SHEET NO. 7 OF 7		

MX150 1X3 RECEPTACLE
SEALED ASSEMBLY
MAT SEAL

molex

SD-33471-031

TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES
2	KEY CONFIGURATIONS
3	RECEPTACLE SEALED ASSEMBLY
4	BACKSHELL NOTES
5	BACKSHELL
6	BACKSHELL CONFIGURATION
7	BOM



NOTES: VALID UNLESS OTHERWISE SPECIFIED

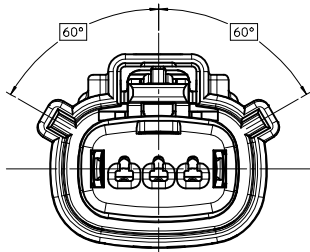
1. GENERAL:
- a. APPLICATION SPECIFICATION SEE: AS-33472-100
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
 - DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN DRAWING EWCAP 150-S-003-1-Z05, AVAILABLE AT <<http://ewcap.uscorteam.org/>>.
 - DESIGNED TO MATE WITH BLADE SEALED ASSEMBLY AS SPECIFIED IN DRAWING SD-33481-031
 - FOR 15mm RECEPTACLE TERMINALS TO BE USED WITH THIS ASSEMBLY. SEE MOLEX DRAWING SD-33012-002.
 - SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 12 mm TO 2.69 mm.
 - ASSEMBLY SHIPPED WITH PLR AND CPA IN PRE-LOCK POSITION (SEE SECTION Z-Z PRE-LOCK).
 - IN THE EVENT THAT THE PLR IS FOUND IN THE SEATED (FINAL LOCK) POSITION, REFER TO MOLEX SPECIFICATION PS-34646-001, AVAILABLE AT www.molex.com -<<http://www.molex.com>>.
 - ASSEMBLY CONFORMS TO SAE/USCAR-2 REV.4 WITH THE FOLLOWING EXCEPTIONS: ENGAGEMENT FORCE TO MOVE CPA FROM PRE-LOCK TO FINAL LOCK POSITION WHEN UNMATED: 40N MIN. DISENGAGEMENT FORCE TO MOVE CPA FROM FINAL LOCK TO PRE-LOCK POSITION: 3N MIN, 40N MAX. TERMINAL INSERTION FORCE FOR WIRE DIAMETER ABOVE 2.5mm NOT EXCEEDING 2.69mm SHALL NOT EXCEED 40 NEWTONS.
- b. PRODUCT SPECIFICATION SEE: PS-33471-000
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), AND PRODUCT VALIDATION.
- c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31300-635
- 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)
2. DESIGN - MATERIALS:
- a. CONNECTOR HOUSING, GROMMET CAP, PLR: SPS/NYLON BLEND 20% GLASS FILLED
- CPA: PBT 20% GLASS FILLED
- MAT SEAL, RING SEAL: INHERENTLY LUBRICATED SILICONE
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 ISO1975
- 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: TBD

INSPECTION NUMBER LOG
LAST NUMBER USED: 5
ADDED:
REMOVED:

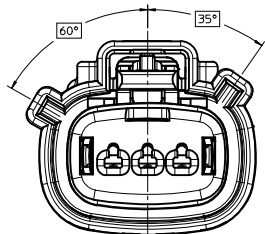
Q7	ADD NEW P/NS 33471-33XX		
Q6	UPDATED VIEWS		
Q5	ADD BACKSHELL CONFIGURATION		
Q4	ADD NEW P/N 33471-0347		
Q3	334710345 IS SAME AS 334710340 SO VOID 334710345		
Q2	CHANGE THE STATUS TO SALEABLE		
Q1	UPDATED NOTES		
Q	REDRAWN		
REV	DESCRIPTION		
SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
3:1	METRIC		
TITLE	MX150 1X3 RECEPTACLE SEALED ASSEMBLY MAT SEAL molex		
DOCUMENT NO.	SD-33471-031		SHEET NO. 1 OF 7
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

ENTER DESCRIPTION REV Q7		QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	
					DRAWN BY DATE	
			mm INCH		DMARCOUX 06/18/2002	
			4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±0.1 ±--- 1 PLACE ±0.30 ±--- 0 PLACE ± ±		CHECKED BY DATE DGRIFITHS 6/18/2002	
			ANGULAR ± 3 °		APPROVED BY DATE FHOLUB 06/18/2002	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SEE BOM		
		SIZE D		THIS DRAWING CONTAINS INCORPORATED AND		

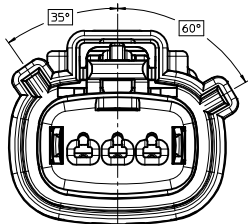
KEY CONFIGURATIONS



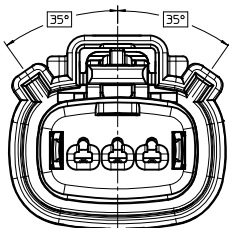
KEY A



KEY B



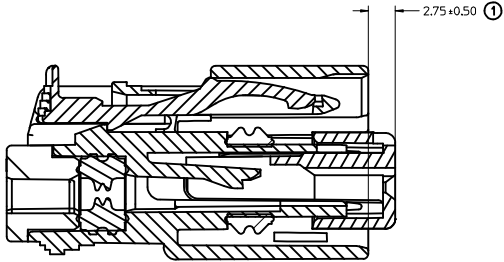
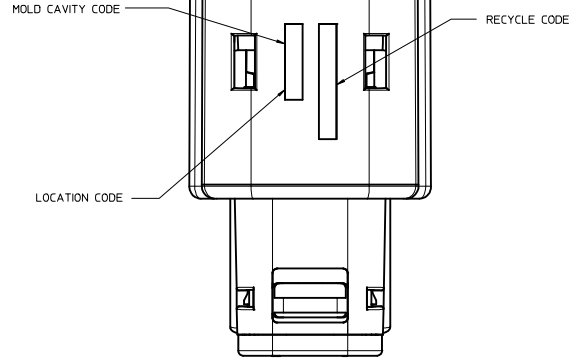
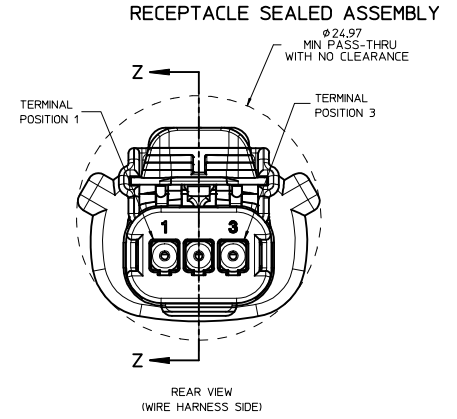
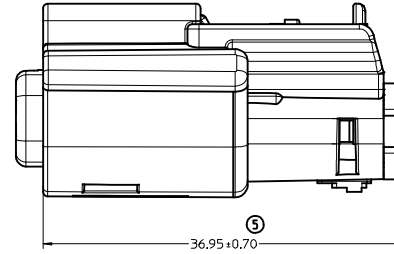
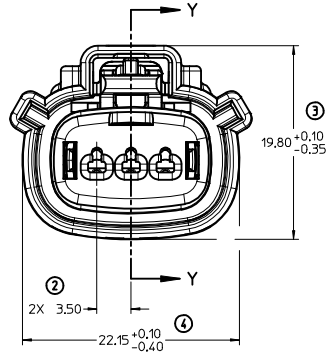
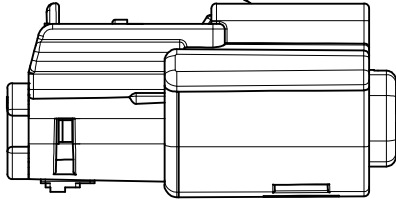
KEY C



KEY D

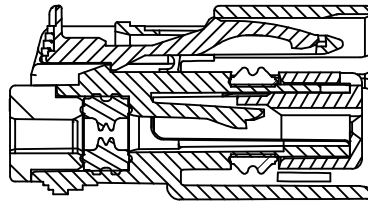
ENTER DESCRIPTION IEC NO: UAU2018-0229 DRAWN: SONG05 2017/09/12 CHKD: WJANSI, AMBROU 2017/09/12 APPR: WJANSI, AMBROU 2017/09/16 Q7	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
			mm	INCH	DRAWN BY DMARCOUX	DATE 06/18/2002	TITLE MX150 1X3 RECEPTACLE SEALED ASSEMBLY MAT SEAL		
		4 PLACES	± ---	± ---	CHECKED BY DGRIFITHS	DATE 6/18/2002	MATERIAL NO. SEE BOM		
		3 PLACES	± ---	± ---	APPROVED BY FHOLUB	DATE 06/18/2002			
				2 PLACES	± 0.1	± ---	DOCUMENT NO. SD-33471-031		
				1 PLACE	± 0.30	± ---			
				0 PLACE	±	±			
				ANGULAR ± 3 °			SHEET NO. 2 OF 7		
				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					

LASER MARKING ON THIS SURFACE
SEE NOTE 3g.



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN PRE-STAGED POSITION

SECTION Z-Z



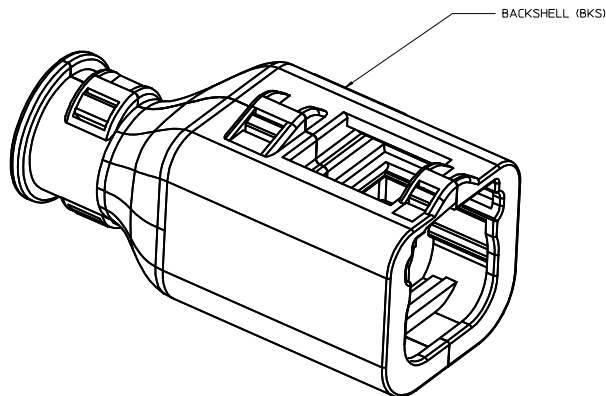
PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN FINAL LOCK POSITION

SECTION Y-Y

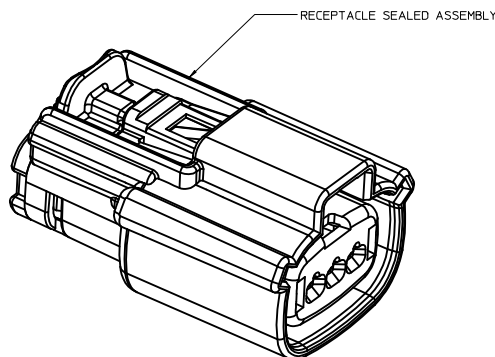
ENTER DESCRIPTION IEC NO: UAU2018-0229 DRAWN: SONGS 2017/09/12 CHKD: WJANS/ANBROU 2017/09/12 APPR: WJANS/ANBROU 2017/09/12 Q7	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± .</td><td>± .</td></tr><tr><td>3 PLACES</td><td>± .</td><td>± .</td></tr><tr><td>2 PLACES</td><td>± 0.1</td><td>± .</td></tr><tr><td>1 PLACE</td><td>± 0.30</td><td>± .</td></tr><tr><td>0 PLACE</td><td>±</td><td>± .</td></tr></table>		mm	INCH	4 PLACES	± .	± .	3 PLACES	± .	± .	2 PLACES	± 0.1	± .	1 PLACE	± 0.30	± .	0 PLACE	±	± .	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE MX150 1X3 RECEPTACLE SEALED ASSEMBLY MAT SEAL molex
				mm	INCH																				
			4 PLACES	± .	± .																				
			3 PLACES	± .	± .																				
			2 PLACES	± 0.1	± .																				
			1 PLACE	± 0.30	± .																				
0 PLACE	±	± .																							
REVISION	ANGULAR ± 3 °	MATERIAL NO. SEE BOM	DOCUMENT NO. SD-33471-031	SHEET NO. 3 OF 7																					
	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																						

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

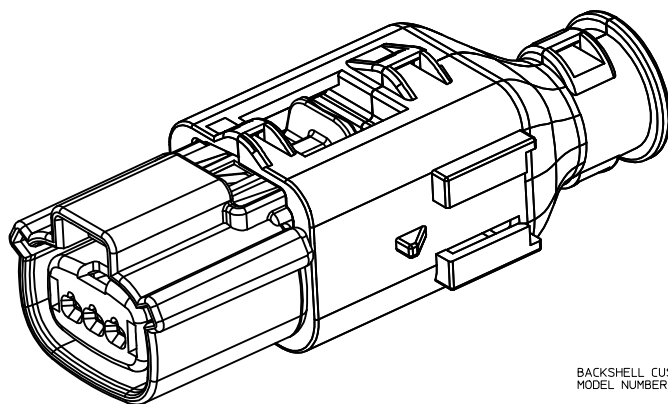
BACKSHELL NOTES



BACKSHELL (BKS)



RECEPTACLE SEALED ASSEMBLY



BACKSHELL CUSTOMER
MODEL NUMBER LEGEND

34949-XXXX

CUSTOMER MODEL COMPONENTS

- 0 - BACKSHELL ONLY
- 1 - BACKSHELL & MX150 HOUSING KEY A ASSEMBLY
- 2 - BACKSHELL & MX150 HOUSING KEY B ASSEMBLY
- 3 - BACKSHELL & MX150 HOUSING KEY C ASSEMBLY
- 4 - BACKSHELL & MX150 HOUSING KEY D ASSEMBLY

BACKSHELL FEATURES

- 1 - WITH RIBS
- 2 - WITHOUT RIBS

MX150 CIRCUIT SIZE 02, 03, 04, 05, 06

BACKSHELL NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

a. APPLICATION SPECIFICATION SEE: AS-34951-001

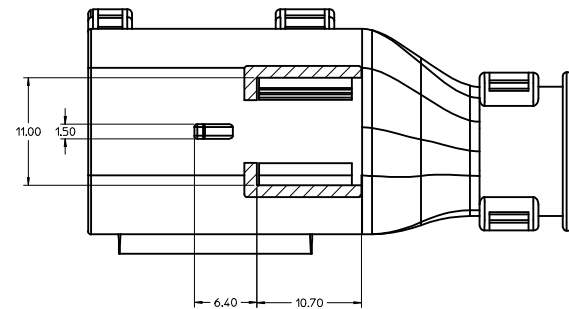
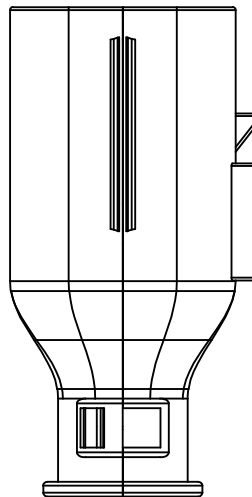
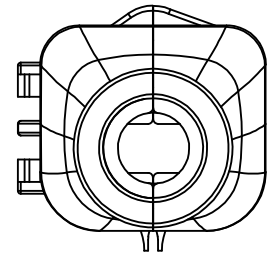
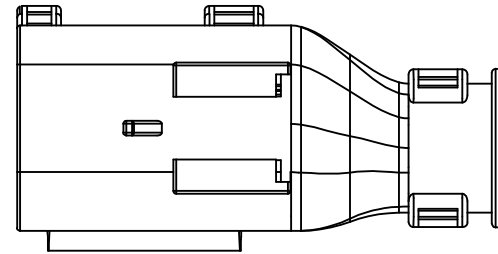
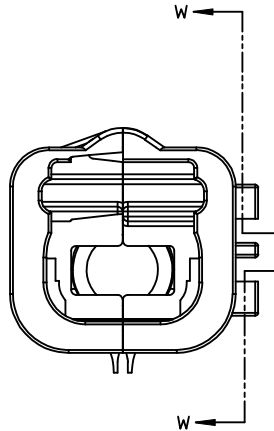
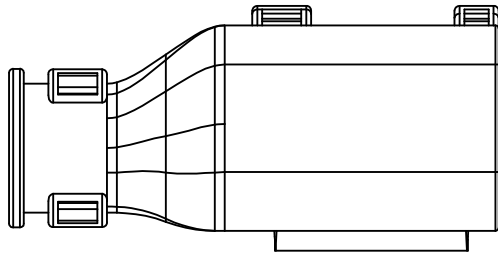
- DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY SPECIFIED IN MOLEX DRAWING SD-33471-031.
- SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2mm TO 2.69mm.
- COMPONENTS ARE OPTIONAL AND MUST BE PURCHASED SEPERATELY.
- BACKSHELL DESIGN IS OWNED BY SCHLEMMER.
- FOR ADDITIONAL INFORMATION SEE THE BACKSHELL COMPONENT DRAWING SD-34949-0001.

ENTER DESCRIPTION			QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
IEC NO: UAU2018-0229							MM ONLY		4:1	METRIC		
DRAWN BY: 2017/09/12			▽=0		mm		DRAWN BY: 06/18/2002		DATE		TITLE	
CHKD BY: 2017/09/12			▽=0		INCH		CHECKED BY: 06/18/2002		DATE		MX150 1X3 RECEPTACLE	
APPR: 2017/09/12			▽=0		ANGULAR ± 3 °		APPROVED BY: 06/18/2002		DATE		SEALED ASSEMBLY	
					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
							SEE BOM		SD-33471-031		4 OF 7	
							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

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

BACKSHELL
THE VIEWS ON THIS SHEET ARE
IN THE CLOSED UN-ASSEMBLED POSITION



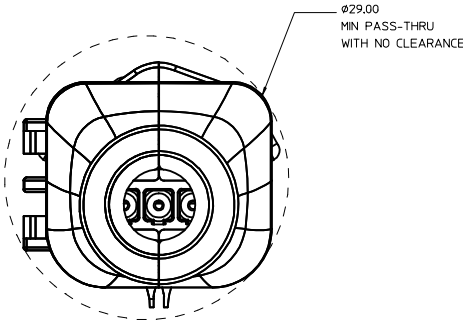
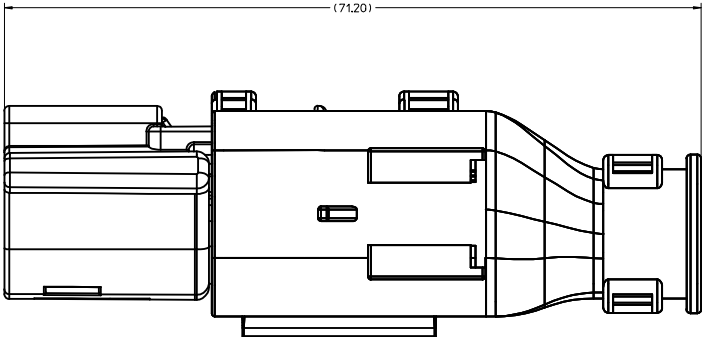
SECTION W-W

ENTER DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
IEC NO: UAU2018-0229		DRAWN BY: 2017/09/12		mm		MM ONLY		4:1		METRIC		THIRD ANGLE PROJECTION	
DRAWN: 2017/09/12		CHECKED BY: 2017/09/12		INCH		DRAWN BY: 06/18/2002		DATE: 06/18/2002		TITLE: MX150 1X3 RECEPTACLE SEALED ASSEMBLY MAT SEAL		SHEET NO. 5 OF 7	
CHKD: 2017/09/12		APPR: 2017/09/12		4 PLACES ± --- ± ---		CHECKED BY: 06/18/2002		DATE: 06/18/2002		MATERIAL NO. SD-33471-031		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
APPR: 2017/09/12		DESCRIPTION		3 PLACES ± --- ± ---		APPROVED BY: 06/18/2002		DATE: 06/18/2002		SEE BOM			
REV				2 PLACES ± 0.1 ± ---		SIZE D							
				1 PLACE ± 0.30 ± ---									
				0 PLACE ± ±									
				ANGULAR ± 3 °									
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									

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

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

BACKSHELL CONFIGURATIONS



RECEPTACLE SEALED ASSEMBLY WITH RECEPTACLE BACKSHELL

ENTER DESCRIPTION EC NO: UAU2018-0229 DRAWN: SONG05 2017/09/12 CHKD: WJANS/AMBROU 2017/09/12 APPR: WJANS/AMBROU 2017/09/16	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY DMARCOUX	DATE 06/18/2002	TITLE MX150 1X3 RECEPTACLE SEALED ASSEMBLY MAT SEAL	
		4 PLACES	±	---	CHECKED BY DGR IFF ITHS	DATE 6/18/2002	molex	
		3 PLACES	±	---	APPROVED BY FHOLUB	DATE 06/18/2002		
		2 PLACES	±	0.1	MATERIAL NO. SEE BOM	DOCUMENT NO. SD-33471-031		
		1 PLACE	±	0.30	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		
		0 PLACE	±	---				
		ANGULAR ± 3 °						

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

ASSEMBLY PART NUMBER	COLOR	KEYING OPTION	QWITY TYPE A STATUS X= PLUGGED			CPA	STATUS	OPTIONAL ATTACHMENTS SOLD SEPARATELY	
			1	2	3			BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS
33471-0301	BLACK	A				-	SALEABLE	34949-0310	34949-0320
33471-0302	LT.GRAY	B				-	SALEABLE	34949-0310	34949-0320
33471-0303	BROWN	C				-	NOT RECOMMENDED---SEE P/N 33471-0343	34949-0310	34949-0320
33471-0304	GREEN	D				-	NOT RECOMMENDED---SEE P/N 33471-0344	34949-0310	34949-0320
33471-0305							VOIDED		
33471-0306	BLACK	A				YES	SALEABLE	34949-0310	34949-0320
33471-0307	LT.GRAY	B				YES	SALEABLE	34949-0310	34949-0320
33471-0308	BROWN	C				YES	NOT RECOMMENDED---SEE P/N 33471-0340	34949-0310	34949-0320
33471-0309	GREEN	D				YES	NOT RECOMMENDED---SEE P/N 33471-0346	34949-0310	34949-0320
33471-0310							VOIDED		
33471-0311	BLACK	A		X		-	SALEABLE	34949-0310	34949-0320
33471-0312	LT.GRAY	B		X		-	SALEABLE	34949-0310	34949-0320
33471-0313	BROWN	C		X		-	SALEABLE	34949-0310	34949-0320
33471-0314	GREEN	D		X		-	SALEABLE	34949-0310	34949-0320
33471-0315							VOIDED		
33471-0316	BLACK	A		X		YES	SALEABLE	34949-0310	34949-0320
33471-0317	LT.GRAY	B		X		YES	SALEABLE	34949-0310	34949-0320
33471-0318	BROWN	C		X		YES	SALEABLE	34949-0310	34949-0320
33471-0319	GREEN	D		X		YES	SALEABLE	34949-0310	34949-0320
33471-0320							VOIDED		
33471-0321	BLACK	A	X	X		-	SALEABLE	34949-0310	34949-0320
33471-0322	LT.GRAY	B	X	X		-	SALEABLE	34949-0310	34949-0320
33471-0323	BROWN	C	X	X		-	SALEABLE	34949-0310	34949-0320
33471-0324	GREEN	D	X	X		-	SALEABLE	34949-0310	34949-0320
33471-0325							VOIDED		
33471-0326	BLACK	A	X	X	X	YES	SALEABLE	34949-0310	34949-0320
33471-0327	LT.GRAY	B	X	X	X	YES	SALEABLE	34949-0310	34949-0320
33471-0328	BROWN	C	X	X	X	YES	SALEABLE	34949-0310	34949-0320
33471-0329	GREEN	D	X	X	X	YES	SALEABLE	34949-0310	34949-0320
33471-0330							VOIDED		
33471-0331	BLACK	A	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-0332	LT.GRAY	B	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-0333	BROWN	C	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-0334	GREEN	D	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-0335							VOIDED		
33471-0336	BLACK	A		X		YES	SALEABLE	34949-0310	34949-0320
33471-0337	BLACK	A		X		-	SALEABLE	34949-0310	34949-0320
33471-0338	BLACK	A	X	X	X	YES	SALEABLE	34949-0310	34949-0320
33471-0339	BLACK	A	X			-	SALEABLE	34949-0310	34949-0320
33471-0340	DK.GRAY	C				YES	SALEABLE	34949-0310	34949-0320
33471-0341	LT.GRAY	B		X		YES	SALEABLE	34949-0310	34949-0320
33471-0342	DK.GRAY	C	X			YES	SALEABLE	34949-0310	34949-0320
33471-0343	DK.GRAY	C				-	SALEABLE	34949-0310	34949-0320
33471-0344	ST.GRAY	D				-	SALEABLE	34949-0310	34949-0320
33471-0345	DK.GRAY	C				YES	OBSOLETE---SEE P/N 33471-0340	34949-0310	34949-0320
33471-0346	ST.GRAY	D				YES	SALEABLE	34949-0310	34949-0320
33471-0347	YELLOW	A				YES	SALEABLE	34949-0310	34949-0320

*FOR ASSEMBLY P/N'S 33471-0340 AND 33471-0342 REFER TO SALEABLE KEY OPTION C ASSEMBLY P/N'S ABOVE

ASSEMBLY PART NUMBER	COLOR	KEYING OPTION	QWITY TYPE A STATUS X=PLUGGED			CPA	STATUS	OPTIONAL ATTACHMENTS SOLD SEPARATELY	
			1	2	3			BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS
33471-3301	BLACK	A				-	SALEABLE	34949-0310	34949-0320
33471-3302	LT.GRAY	B				-	SALEABLE	34949-0310	34949-0320
33471-3303	BROWN	C				-	NOT RECOMMENDED---SEE P/N 33471-3343	34949-0310	34949-0320
33471-3304	GREEN	D				-	NOT RECOMMENDED---SEE P/N 33471-3344	34949-0310	34949-0320
33471-3305							VOIDED		
33471-3306	BLACK	A				YES	SALEABLE	34949-0310	34949-0320
33471-3307	LT.GRAY	B				YES	SALEABLE	34949-0310	34949-0320
33471-3308	BROWN	C				YES	NOT RECOMMENDED---SEE P/N 33471-3340	34949-0310	34949-0320
33471-3309	GREEN	D				YES	NOT RECOMMENDED---SEE P/N 33471-3346	34949-0310	34949-0320
33471-3310							VOIDED		
33471-3311	BLACK	A			X	-	SALEABLE	34949-0310	34949-0320
33471-3312	LT.GRAY	B			X	-	SALEABLE	34949-0310	34949-0320
33471-3313	BROWN	C			X	-	SALEABLE	34949-0310	34949-0320
33471-3314	GREEN	D			X	-	SALEABLE	34949-0310	34949-0320
33471-3315							VOIDED		
33471-3316	BLACK	A			X	YES	SALEABLE	34949-0310	34949-0320
33471-3317	LT.GRAY	B			X	YES	SALEABLE	34949-0310	34949-0320
33471-3318	BROWN	C			X	YES	SALEABLE	34949-0310	34949-0320
33471-3319	GREEN	D			X	YES	SALEABLE	34949-0310	34949-0320
33471-3320							VOIDED		
33471-3321	BLACK	A	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-3322	LT.GRAY	B	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-3323	BROWN	C	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-3324	GREEN	D	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-3325							VOIDED		
33471-3326	BLACK	A	X	X	X	YES	SALEABLE	34949-0310	34949-0320
33471-3327	LT.GRAY	B	X	X	X	YES	SALEABLE	34949-0310	34949-0320
33471-3328	BROWN	C	X	X	X	YES	SALEABLE	34949-0310	34949-0320
33471-3329	GREEN	D	X	X	X	YES	SALEABLE	34949-0310	34949-0320
33471-3330							VOIDED		
33471-3331	BLACK	A	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-3332	LT.GRAY	B	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-3333	BROWN	C	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-3334	GREEN	D	X	X	X	-	SALEABLE	34949-0310	34949-0320
33471-3335							VOIDED		
33471-3336	BLACK	A		X		YES	SALEABLE	34949-0310	34949-0320
33471-3337	BLACK	A		X		-	SALEABLE	34949-0310	34949-0320
33471-3338	BLACK	A	X	X	X	YES	SALEABLE	34949-0310	34949-0320
33471-3339	BLACK	A	X			-	SALEABLE	34949-0310	34949-0320
33471-3340	DK.GRAY	C				YES	SALEABLE	34949-0310	34949-0320
33471-3341	LT.GRAY	B		X		YES	SALEABLE	34949-0310	34949-0320
33471-3342	DK.GRAY	C		X		YES	SALEABLE	34949-0310	34949-0320
33471-3343	DK.GRAY	C				-	SALEABLE	34949-0310	34949-0320
33471-3344	ST.GRAY	D				-	SALEABLE	34949-0310	34949-0320
33471-3345	DK.GRAY	C				YES	OBSOLETE---SEE P/N 33471-3340	34949-0310	34949-0320
33471-3346	ST.GRAY	D				YES	SALEABLE	34949-0310	34949-0320
33471-3347	YELLOW	A				YES	SALEABLE	34949-0310	34949-0320

*FOR ASSEMBLY P/N'S 33471-3340 AND 33471-3342 REFER TO SALEABLE KEY OPTION C ASSEMBLY P/N'S ABOVE

ENTER DESCRIPTION EC NO. UAU2018-0229 DRAWN:SONG5 2017/09/22 CHKD:WANGS.AMBR01/2017/09/22 APPR:WANGS.AMBR01/2017/09/26 Q7	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		mm INCH		DRAWN BY DATE			METRIC		
		4 PLACES ± --- ± ---		DMARCOUX 06/18/2002					
		3 PLACES ± --- ± ---		CHECKED BY DATE					
		2 PLACES ± 0.1 ± ---		DGRIFFI THS 6/18/2002				MX150 1X3 RECEPTACLE SEALED ASSEMBLY MAT SEAL molex SD-33471-031	
		1 PLACE ± 0.30 ± ---		APPROVED BY DATE					
		0 PLACE ± ±		FHOLUB 06/18/2002					
		ANGULAR ± 3 °		MATERIAL NO.					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D				SHEET NO. 7 OF 7	
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					