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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 RECEPTACLE SEALED ASSEMBLY AS SPECIFIED IN THE MATING 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 VO 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: PK-31300-635 (PK-33471-000 FOR 1X5)

- d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-300
 e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMS (COMPANY ID#13255)

2. DESIGN - MATERIALS:

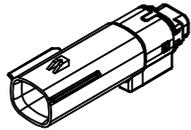
- a. FOR BILL OF MATERIALS SEE:
 -STANDARD CONFIGURATION: SD-33481-0002
 -UL VO CONFIGURATION: SD-160106-0002

3. DESIGN - GEOMETRY:

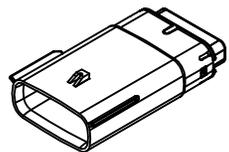
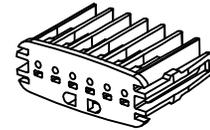
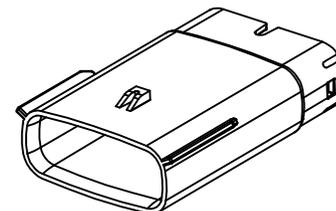
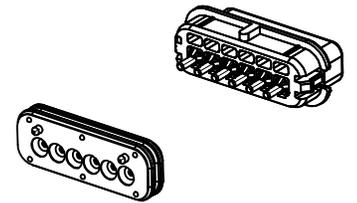
- a. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND MASTER FOR THIS PART WITH THE EXCEPTION OF UNDERLINED DIMENSIONS. DIMENSIONAL INFORMATION NOT SHOWN ON THIS DRAWING IS DEFINED BY THE DATA FILE AT ITS LATEST REVISION.
 b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
 c. EDGES AND UNDIMENSIONED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

MATING CONNECTOR DRAWINGS

DESCRIPTION	MOLEX INLINE
1X2	SD-33471-0001
1X6	SD-33471-0001



1x2



1x6

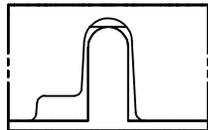
INSPECTION NUMBER	LOG	DESCRIPTION
2	2	UPDATED VIEWSETS
1	1	INITIAL RELEASE

REV	DESCRIPTION
A	MINOR GEOMETRY CHANGE FOR UL VO

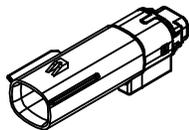
ENTER DESCRIPTION EEC NO: UAUZ016-1641 DRWN:BTANG 2016/05/16 CHKD: APPR:KDEKOSKI 2016/06/14 REV: A	DIMENSION STYLE MM ONLY	SCALE 1.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- 0 PLACE ± --- ± ---	DIMENSION STYLE MM ONLY	DRAWN BY DATE APPROFF:ITT 2015/11/04 CHECKED BY DATE APPROVED BY DATE KDEKOSKI 2016/06/14	TITLE MX150 BLADE SINGLE ROW SEALED ASSY MAT SEAL
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	ANGULAR ± 1°	MATERIAL NO. SEE NOTE 2a.	DOCUMENT NO. SD-33481-0001	SHEET NO. 1 OF 9
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				MOLEX

SHEET DESCRIPTION

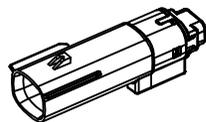
CONFIGURATIONS



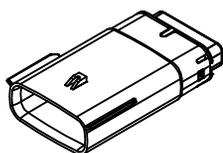
UL V0 UNIQUE FEATURE
Partial
SCALE 10:1



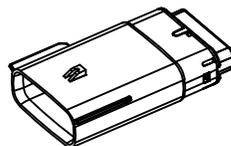
1x2 - STD



1x2 - UL V0*



1x6 - STD



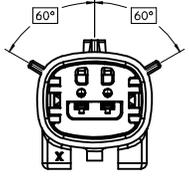
1x6 - UL V0*

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

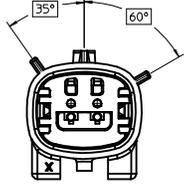
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		4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	2 PLACES ± 0.10 ± ---	1 PLACE ± 0.2 ± ---	0 PLACE ± --- ± ---	DRAWN BY: APROFFITT DATE: 2015/11/04	CHECKED BY: _____ DATE: _____	TITLE MX150 BLADE SINGLE ROW SEALED ASSY MAT SEAL
		ANGULAR ± 1 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY: KDEKOSKI DATE: 2016/06/14	MATERIAL NO. SEE NOTE 2a.	DOCUMENT NO. SD-33481-0001	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

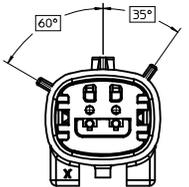
1X2



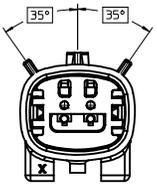
KEY A



KEY B



KEY C

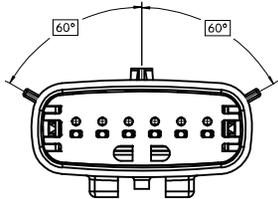


KEY D

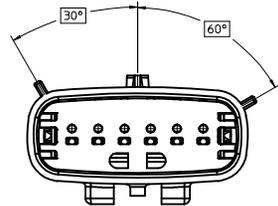
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		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- 0 PLACE ± --- ± ---	mm INCH ± --- ± --- ± 0.10 ± --- ± 0.2 ± --- ± --- ± ---	DRAWN BY APROFF/ITT	DATE 2015/11/04	CHECKED BY	DATE	TITLE MX150 BLADE SINGLE ROW SEALED ASSY MAT SEAL
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± 1 °		APPROVED BY KDEKOSKI		DATE 2016/06/14	MATERIAL NO. SEE NOTE 2a.	DOCUMENT NO. SD-33481-0001
SIZE 1 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							SHEET NO. 3 OF 9	1

SHEET DESCRIPTION
KEY CONFIGURATIONS CONT.

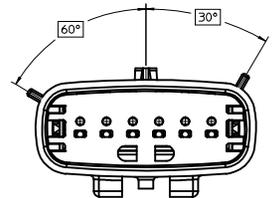
1X6



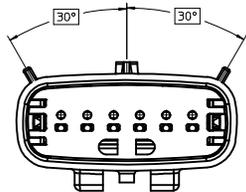
KEY A



KEY B



KEY C



KEY D

ENTER DESCRIPTION EC NO: UA02016-1641 DWN:ABTANG 2016/05/16 CHKD: APPR:KDEKOSKI 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
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- 0 PLACE ± --- ± ---	mm INCH ± --- ± --- ± 0.10 ± --- ± 0.2 ± --- ± --- ± ---	DRAWN BY APPROFFITT	DATE 2015/11/04	TITLE MX150 BLADE SINGLE ROW SEALED ASSY MAT SEAL		DOCUMENT NO. SD-33481-0001
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± 1 °		APPROVED BY KDEKOSKI		DATE 2016/06/14		MATERIAL NO. SEE NOTE 2a.
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								SIZE A1

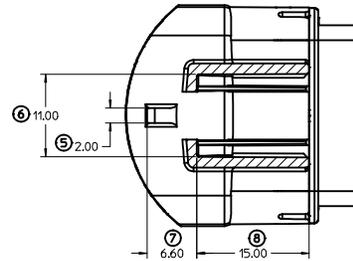
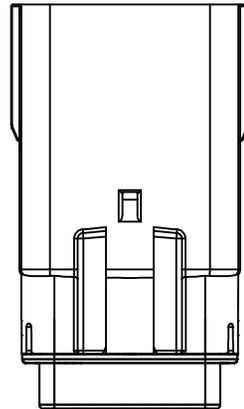
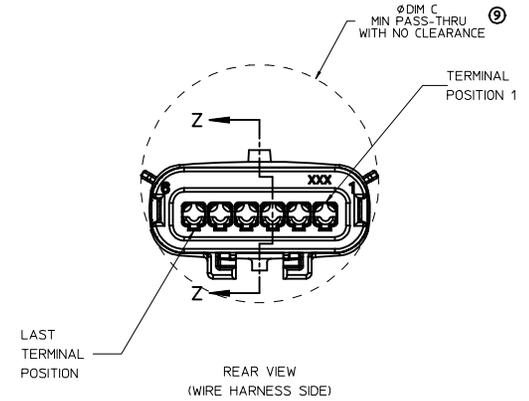
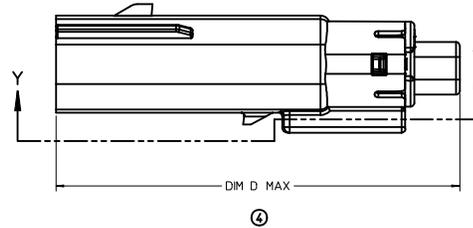
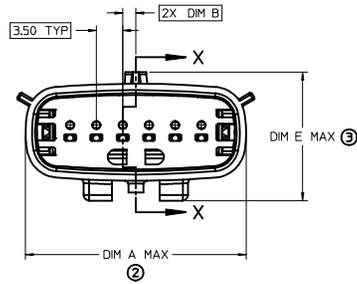
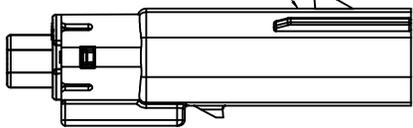
SHEET DESCRIPTION

BLADE SEALED ASSEMBLY

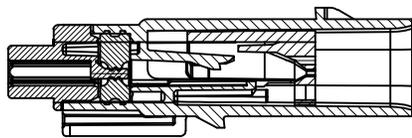
CHARTED DIMENSIONS

DESCRIPTION	DIMENSIONS				
	A	B	C	D	E
1X2	N/A	1.75	21.00	55.50	17.30
1X6	29.69	1.75	31.71	54.45	17.23

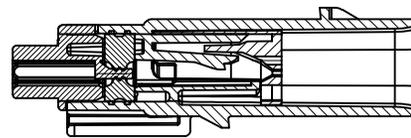
OPTIONAL LASER MARKING ON THIS SURFACE SEE NOTE 3g.



Partial Y-Y
SCALE 3:1



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



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

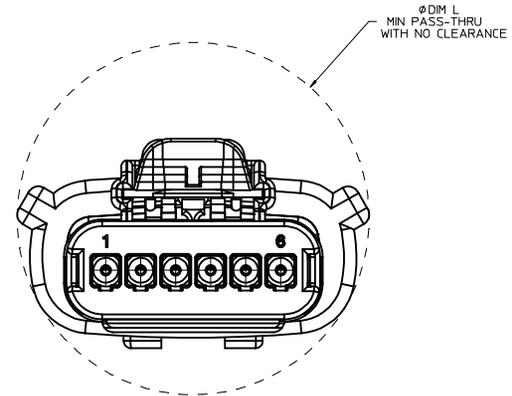
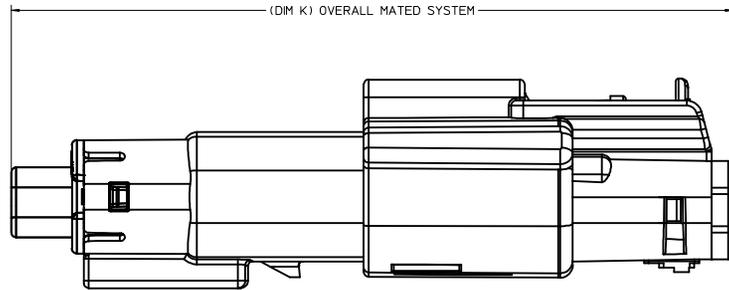
ENTER DESCRIPTION EEC NO: UAU2016-1641 DRAWN BY: DRWINB/TANG CHYK: KXDEKOSKI APPR: KXDEKOSKI DATE: 2016/05/16 2016/06/14	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- 0 PLACE ± --- ± ---	m/m INCH	DRAWN BY APPROFITT	DATE 2015/11/04	TITLE MX150 BLADE SINGLE ROW SEALED ASSY MAT SEAL	DOCUMENT NO. SD-33481-0001	SHEET NO. 5 OF 9
		ANGULAR ± 1 °		APPROVED BY KXDEKOSKI	DATE 2016/06/14	SEE NOTE 2a.		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

SHEET DESCRIPTION

SYSTEM PACKAGING

CHARTED DIMENSIONS

CKT	BLADE CONFIGURATION	RECEPTACLE CONFIGURATION	DIMENSIONS	
			K	L
1X2	STANDARD	STANDARD	73.85	23.37
1X6	STANDARD	STANDARD	72.71	35.38

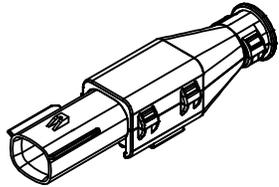


ENTER DESCRIPTION EC NO: UAU2016-1641 DRWN: BTANG 2016/05/16 CHKD: A APPR: KDEKOSKI 2016/06/14	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- 0 PLACE ± --- ± --- ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY DATE APPROFIT 2015/11/04 CHECKED BY DATE APPROVED BY DATE KDEKOSKI 2016/06/14 MATERIAL NO. SEE NOTE 2a.	SCALE 4:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE MX150 BLADE SINGLE ROW SEALED ASSY MAT SEAL molex DOCUMENT NO. SD-33481-0001	SHEET NO. 6 OF 9
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			SIZE 1		SHEET NO. 6 OF 9
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE NOTE 2a.		SHEET NO. 6 OF 9
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE NOTE 2a.		SHEET NO. 6 OF 9

SHEET DESCRIPTION
BACKSHELL NOTES

BACKSHELL NOTES: VALID UNLESS OTHERWISE SPECIFIED

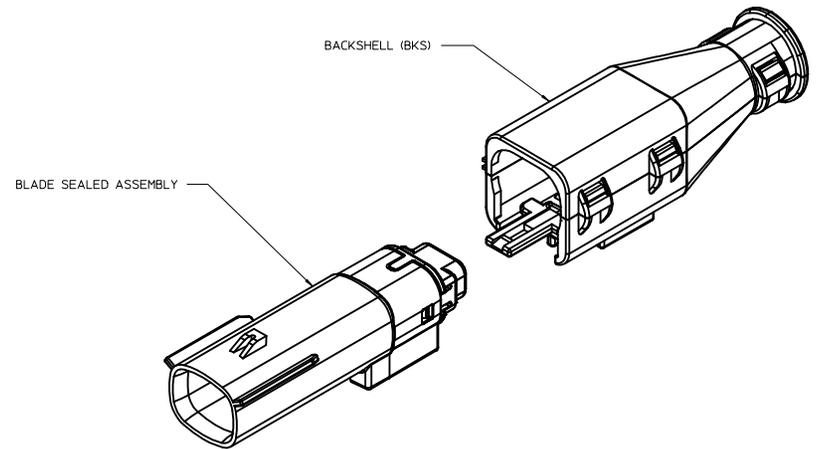
1. GENERAL:
 a. APPLICATION SPECIFICATION SEE: AS-34951-001
 -DESIGNED TO MATE WITH BLADE SEALED ASSEMBLY SPECIFIED IN MOLEX DRAWING SD-33481-0001.
 -SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2mm TO 2.69mm.
 -COMPONENTS ARE OPTIONAL AND MUST BE PURCHASED SEPERATELY.
 -BACKSHELL DESIGN IS OWNED BY SCHLEMMER.
 -FOR ADDITIONAL INFORMATION SEE THE BACKSHELL COMPONENT DRAWING SD-34948-0001.



1X2

BACKSHELL CUSTOMER MODEL NUMBER LEGEND

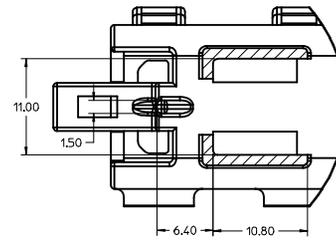
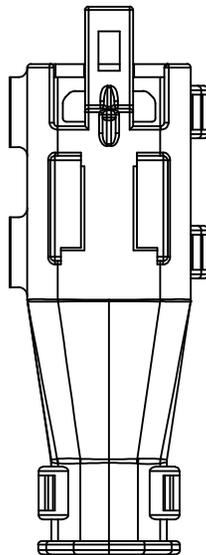
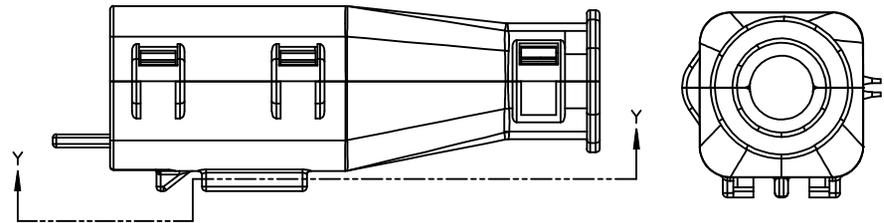
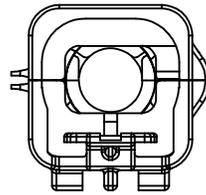
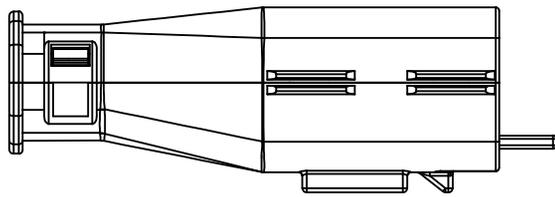
- 34948-XXXX
- CUSTOMER MODEL COMPONENTS
 - 0 - BACKSHELL ONLY
 - 1 - BACKSHELL & MX150 HOUSING KEY A ASSEMBLY
 - 2 - BACKSHELL & MX150 HOUSING KEY B ASSEMBLY
 - 3 - BACKSHELL & MX150 HOUSING KEY C ASSEMBLY
 - 4 - BACKSHELL & MX150 HOUSING KEY D ASSEMBLY
 - BACKSHELL FEATURES
 - 1 - WITH RIBS
 - 2 - WITHOUT RIBS
 - MX150 CIRCUIT SIZE 02, 03, 04, 05, 06



ENTER DESCRIPTION EC NO: UAUZ016-1641 DRWNR:BIANG 2016/05/16 CHKD: APPR:KDEKOSKI 2016/06/14 A	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± --- ± ---	APPROVED BY DATE	TITLE		MX150 BLADE SINGLE ROW SEALED ASSY MAT SEAL molex DOCUMENT NO. SD-33481-0001 SHEET NO. 7 OF 9		
	▽=0	3 PLACES ± --- ± ---	CHECKED BY DATE	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
	▽=0	2 PLACES ± 0.10 ± ---	APPROVED BY DATE					
▽=0	1 PLACE ± 0.2 ± ---	KDEKOSKI 2016/06/14						
		ANGULAR ± 1 °	SEE NOTE 2a.		MATERIAL NO.			
			SIZE 1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

SHEET DESCRIPTION

BACKSHELL

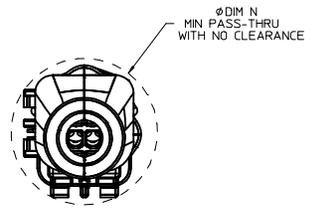
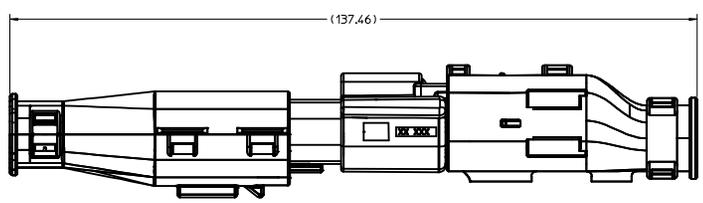


Partial Y-Y
SCALE 3.5:1

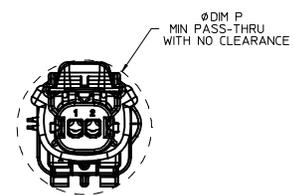
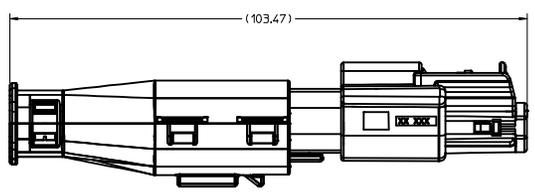
ENTER DESCRIPTION EC NO: UA02016-1641 DRW: XBTANG 2016/05/16 CHKD: APPR: KDEKOSKI 2016/06/14	QUALITY SYMBOLS ∇=0 ∇=1 ∇=2 ∇=3	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3.5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- 0 PLACE ± --- ± ---	mm INCH	DRAWN BY APPROFITT	DATE 2015/11/04	TITLE MX150 BLADE SINGLE ROW SEALED ASSY MAT SEAL		
		ANGULAR ± 1°		APPROVED BY KDEKOSKI	DATE 2016/06/14	molex		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE NOTE 2a.		DOCUMENT NO. SD-33481-0001	SHEET NO. 8 OF 9	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

SHEET DESCRIPTION
BACKSHELL CONFIGURATIONS

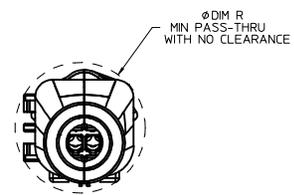
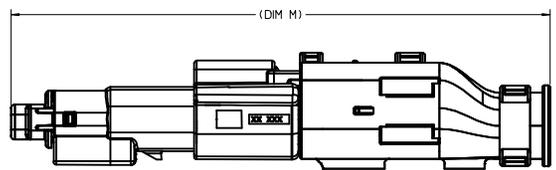
CHARTED DIMENSIONS							
CKT	BLADE CONFIGURATION	RECEPTACLE CONFIGURATION	DIMENSIONS				
			M	N	P	R	S
1X2	STANDARD	STANDARD	107.84	29.50	27.00	26.25	25.00



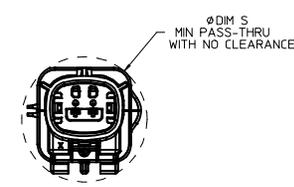
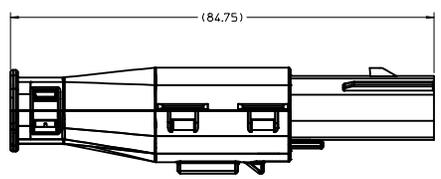
OVERALL MATED SYSTEM WITH BLADE AND RECEPTACLE BACKSHELL



OVERALL MATED SYSTEM WITH BLADE BACKSHELL



OVERALL MATED SYSTEM WITH RECEPTACLE BACKSHELL

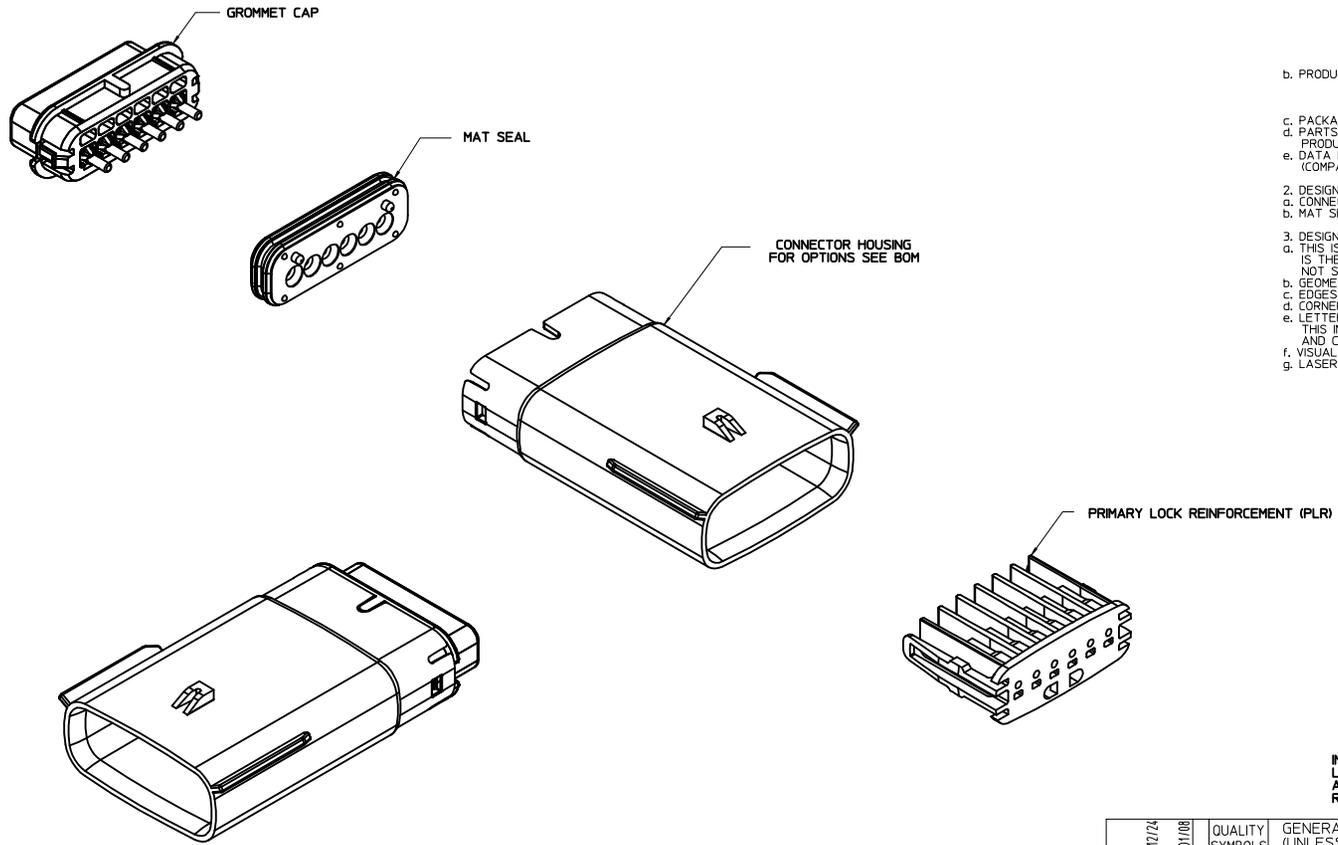


BLADE SEALED ASSEMBLY WITH BLADE BACKSHELL

ENTER DESCRIPTION EC NO: UA02016-1641 DRW: XBTANG 2016/05/16 CHKD: APPR: KDEKOSKI 2016/06/14	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.2 ± --- 0 PLACE ± --- ± ---	mm INCH	DRAWN BY APPROFFITT	DATE 2015/11/04	TITLE MX150 BLADE SINGLE ROW SEALED ASSY MAT SEAL			
		ANGULAR ± 1 °		APPROVED BY KDEKOSKI	DATE 2016/06/14	DOCUMENT NO. SD-33481-0001			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE NOTE 2a.		SHEET NO. 9 OF 9			

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

TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES
2	KEY CONFIGURATIONS
3	BLADE SEALED ASSEMBLY
4	SYSTEM PACKAGING
5	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 RECEPTACLE SEALED ASSEMBLY SPECIFIED IN MOLEX DRAWING SD-33471-061.
 -FOR 15mm BLADE TERMINALS TO BE USED WITH THIS ASSEMBLY SEE MOLEX DRAWING SD-33000-001.
 -SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2mm TO 2.69mm.
 -ASSEMBLY SHIPPED WITH PLR IN PRE-LOCK POSITION
 -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: TERMINAL INSERTION FORCE FOR WIRE DIAMETER ABOVE 2.5mm NOT EXCEEDING 2.69mm SHALL NOT EXCEED 45 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
 b. MAT SEAL: INHERENTLY LUBRICATED SILICONE

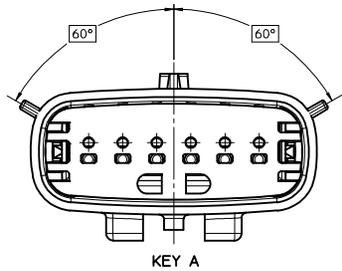
3. DESIGN - GEOMETRY:
 a. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
 b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
 c. EDGES AND UNDIMENSIONED DETAILS PER 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: TBD

INSPECTION NUMBER LOG
 LAST NUMBER USED: 8
 ADDED:
 REMOVED:

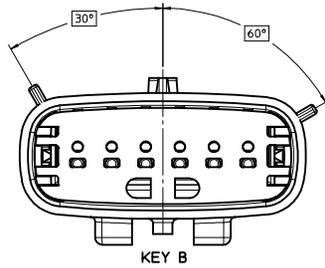
V2	ADD NEW P/N 33481-0624
V1	ADD NEW P/N 33481-0623
U	ADD NEW P/N 33481-0621 33481-0622
T	ADD NEW P/N 33481-0620
S	UPDATED GROMMET CAP
R1	UPDATED DIMENSIONS TO MATCH MODEL
R	COLOR REPLACEMENT FOR KEY C AND D PER USCAR STANDARD
D	REDRAWN
REV	DESCRIPTION

REVISED DEC NO: 11/01/08 DRAWN BY: DMARCOUX CHKD: DGRIFTH APPR: VKOSHY 2015/12/24 2016/01/08 V2	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED): mm INCH 4 PLACES ± --- ± --- 3 PLACES ± 0.10 ± --- 2 PLACES ± 0.3 ± --- 0 PLACE ± ±	DIMENSION STYLE MM ONLY DRAWN BY: DMARCOUX DATE: 06-14-02 CHECKED BY: DGRIFTH DATE: 06-14-02 APPROVED BY: VKOSHY DATE: 2010/11/04	SCALE 3:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE MX150 1X6 BLADE SEALED ASSEMBLY MAT SEAL molex	MATERIAL NO. SEE BOM	DOCUMENT NO. SD-33481-061	SHEET NO. 1 OF 5	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± 3 °	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
	SIZE D								

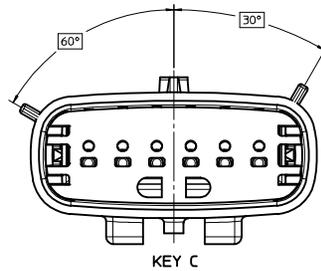
KEY CONFIGURATIONS



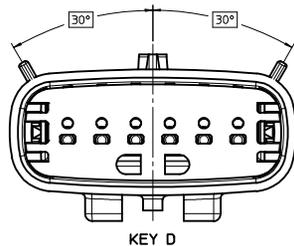
KEY A



KEY B



KEY C



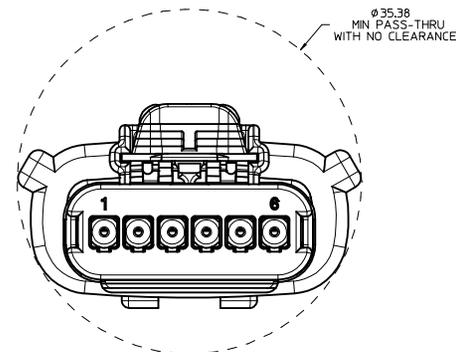
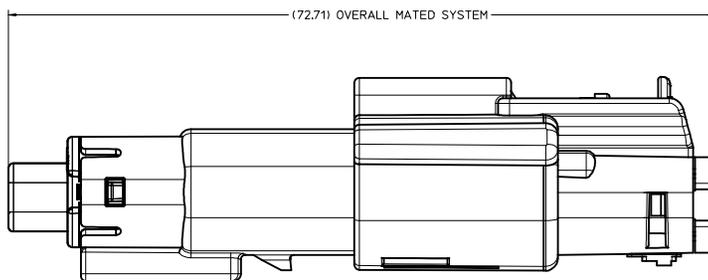
KEY D

REVISED DEC NO. UAU2016-0981 DRAWN BY VZ CHKD: APPR: VKOSHY 2015/10/24 2016/01/08	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	∇=0 ∇=0 ∇=0	4 PLACES ± mm 3 PLACES ± INCH 2 PLACES ± 0.10 1 PLACE ± 0.3 0 PLACE ±	MM ONLY 4:1 METRIC	DRAWN BY DATE DMARCOUX 06-14-02 CHECKED BY DATE DGRIFFTH 06-14-02 APPROVED BY DATE VKOSHY 2010/11/04		
	ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE BOM	DOCUMENT NO. SD-33481-061			SHEET NO. 2 OF 5
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

MX150 1X6 BLADE
SEALED ASSEMBLY
MAT SEAL



SYSTEM PACKAGING



REVISED DEC NO. UAU2016-0981 DRAWN BY VZ CHKD: APPR: VKOSHY 2015/10/24 2016/01/08	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ▽=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.3 ± --- 0 PLACE ± ±	MM ONLY	4:1	METRIC	DRAWN BY DATE DMARCOUX 06-14-02 CHECKED BY DATE DGRIFITH 06-14-02 APPROVED BY DATE VKOSHY 2010/11/04
	ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE BOM	DOCUMENT NO. SD-33481-061	TITLE MX150 1X6 BLADE SEALED ASSEMBLY MAT SEAL molex	SHEET NO. 4 OF 5	
	SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

BOM SHEET 1

ASSEMBLY PART NUMBER	COLOR	KEYING OPTION	CAVITY TYPE & STATUS (X = PLUGGED)						STATUS	COMMENTS
			1	2	3	4	5	6		
33481-0601	BLACK	A							SALEABLE	
33481-0602	LT.GRAY	B								
33481-0603	BROWN	C								NOT RECOMMENDED, SEE P/N 33481-0618
33481-0604	GREEN	D								NOT RECOMMENDED, SEE P/N 33481-0619
33481-0605	YELLOW	A							SALEABLE	
33481-0606	BLACK	A						X	SALEABLE	
33481-0607	LT.GRAY	B						X		
33481-0608	BROWN	C						X		
33481-0609	GREEN	D						X		
33481-0610	YELLOW	A						X	SALEABLE	
33481-0611	BLACK	A	X					X	SALEABLE	
33481-0612	LT.GRAY	B	X					X		
33481-0613	BROWN	C	X					X		
33481-0614	GREEN	D	X					X		
33481-0615	YELLOW	A	X					X	SALEABLE	
33481-0616	BLACK	A	X	X	X	X	X	X	SALEABLE	
33481-0617	BLACK	A						X	SALEABLE	
33481-0618	DK.GRAY	C								
33481-0619	ST.GRAY	D								
33481-0620	BLACK	A			X				SALEABLE	
33481-0621	ST.GRAY	D	X	X	X	X	X	X	SALEABLE	
33481-0622	ST.GRAY	D	X					X	SALEABLE	
33481-0623	BLACK	A	X		X			X	SALEABLE	
V2 33481-0624	BLACK	A						X	SALEABLE	

REVISED EEC NO: UAU2016-0981 DRAWN BY: DRWINNYE CHKD: V2 APPR: VKOSHY 2016/01/08	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY		METRIC	
	▽=0	4 PLACES ± --- + ---	DRAWN BY: DMARCOUX	DATE: 06-14-02	TITLE: MX150 1X6 BLADE SEALED ASSEMBLY MAT SEAL	
	▽=0	3 PLACES ± --- + ---	CHECKED BY: DGRIFITH	DATE: 06-14-02		
	2 PLACES ± 0.10 + ---	1 PLACE ± 0.3 + ---	APPROVED BY: VKOSHY	DATE: 2010/11/04		
	0 PLACE ± +	ANGULAR ± 3 °	MATERIAL NO: SEE BOM	DOCUMENT NO: SD-33481-061	SHEET NO: 5 OF 5	
		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		