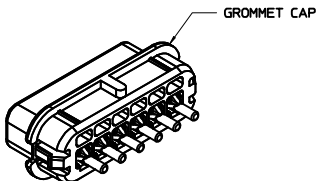
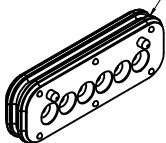


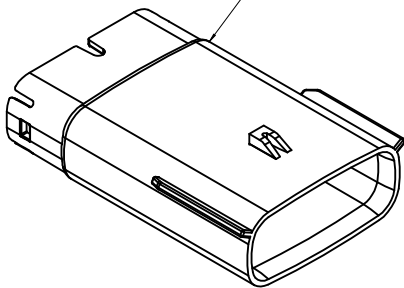
TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES
2	KEY CONFIGURATIONS
3	BLADE SEALED ASSEMBLY
4	SYSTEM PACKAGING
5	BOM



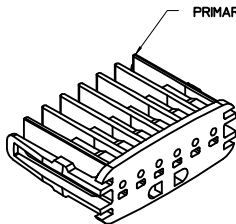
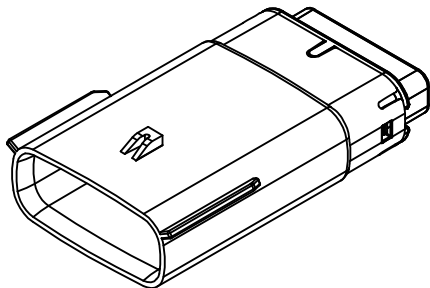
GROMMET CAP



MAT SEAL



CONNECTOR HOUSING
FOR OPTIONS SEE BOM



PRIMARY LOCK REINFORCEMENT (PLR)

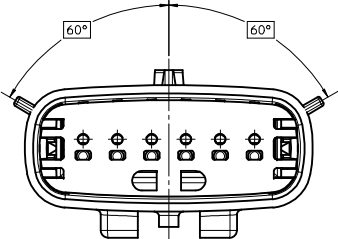
NOTES: VALID UNLESS OTHERWISE SPECIFIED

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

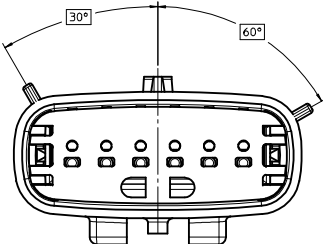
INSPECTION NUMBER LOG
LAST NUMBER USED: 8
ADDED:
REMOVED:

REVISED EC NO: UAU2013-1487 DRAWN BY: CHYKMOICK CHECKED BY: APPR:VKOSHY 2013/03/20 2013/03/26	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED): mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.3 ± --- 0 PLACE ± ± ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: DMARCOUX DATE: 06-14-02 CHECKED BY: DGRIFTH DATE: 06-14-02 APPROVED BY: VKOSHY DATE: 2010/11/04	DIMENSION STYLE MM ONLY 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

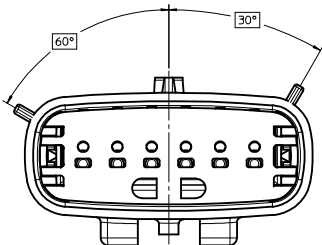
KEY CONFIGURATIONS



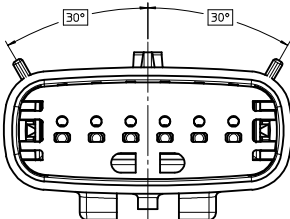
KEY A



KEY B

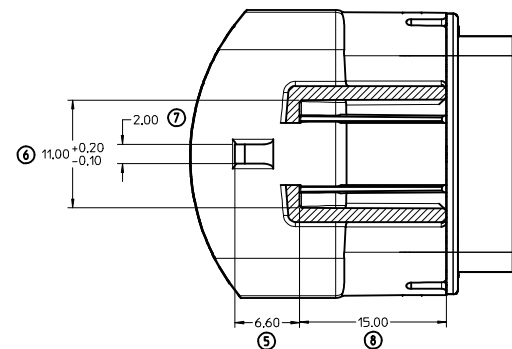
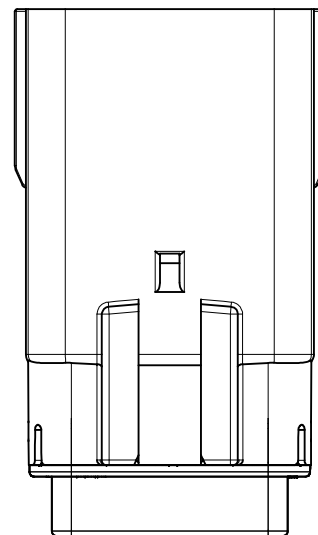
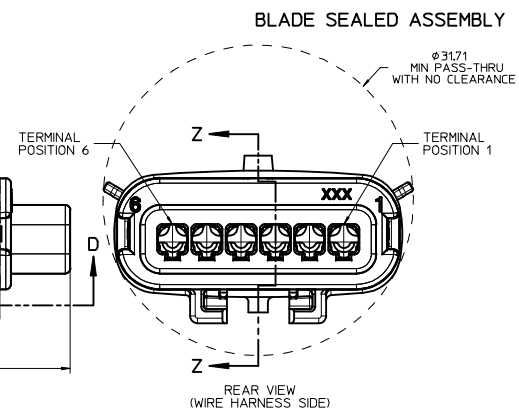
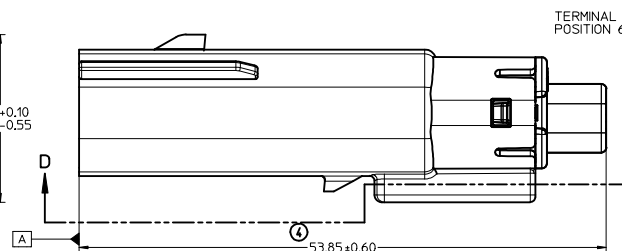
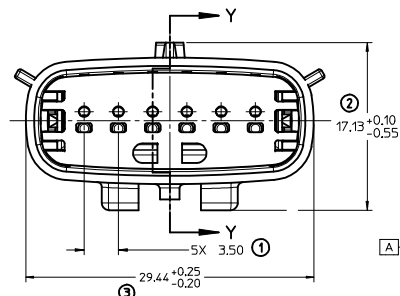
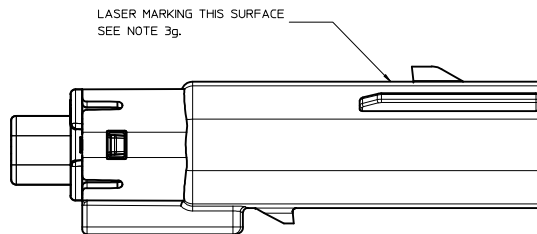


KEY C

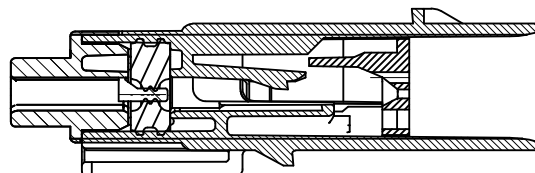


KEY D

REVISED EC NO: UAU2013-1487 2013/03/20 DRW:APPROFIT 2013/03/21 CHK:MOICK 2013/03/26 APP:VKOSHY 2013/03/26	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	 THIRD ANGLE PROJECTION	TITLE
					MM ONLY					
					mm	INCH	DRAWN BY	DATE	MX150 1X6 BLADE SEALED ASSEMBLY MAT SEAL molex	
			4 PLACES ± ---		± ---	DMARCOUX	06-14-02			
			3 PLACES ± ---		± ---	CHECKED BY	DATE			
			2 PLACES ± 0.10		± ---	DGR IFFTH	06-14-02			
			1 PLACE ± 0.3		± ---	APPROVED BY	DATE			
			0 PLACE ±		±	VKOSHY	2010/11/04	DOCUMENT NO.	SD-33481-061	SHEET NO. 2 OF 5
			ANGULAR ± 3 °		MATERIAL NO.		SEE BOM			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE					

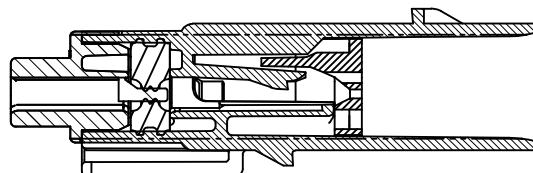


SECTION D-D



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

SECTION Z-Z



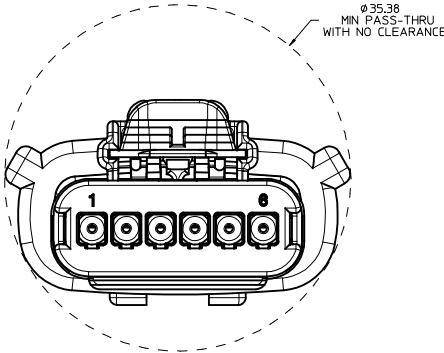
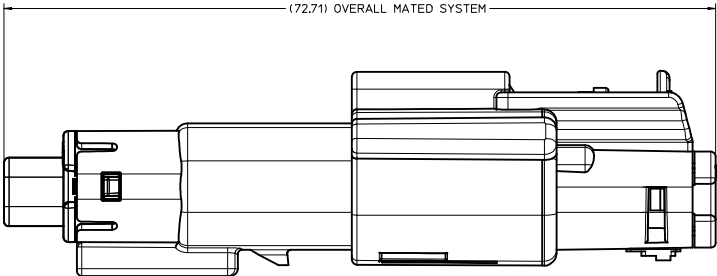
PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN FINAL-LOCK POSITION

SECTION Y-Y

REVISED IEC NO. UAU2013-1487 2013/03/20 DRAWN BY: CHYKHOLOK 2013/03/21 APPR: VKOSHY 2013/03/26 SD	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
					MM ONLY		4:1	METRIC	
					DRAWN BY DATE		TITLE		
					DMARCOUX 06-14-02		MX150 1X6 BLADE SEALED ASSEMBLY MAT SEAL		
					CHECKED BY DATE				
					DGRIFTH 06-14-02				
					APPROVED BY DATE				
		VKOSHY 2010/11/04							
		ANGULAR ± 3°		MATERIAL NO.		DOCUMENT NO.			
		DRAFT WHERE APPLICABLE		SEE BOM		SD-33481-061		SHEET NO.	
		MUST REMAIN WITHIN DIMENSIONS		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		3 OF 5	

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

SYSTEM PACKAGING



REVISED EC NO: UAU2013-1487 DRAWN: PROFFITT CHKD: MOICK APPR: VKOSHY	2013/03/20 2013/03/21 2013/03/26	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
					mm	INCH	DRAWN BY DMARCOUX	DATE 06-14-02	TITLE MX150 1X6 BLADE SEALED ASSEMBLY MAT SEAL molex	
				4 PLACES	±---	±---	CHECKED BY DGRIFETH	DATE 06-14-02		
				3 PLACES	±---	±---	APPROVED BY VKOSHY 2010/11/04			
				2 PLACES	±0.10	±---				
				1 PLACE	±0.3	±---				
				0 PLACE	±	±	MATERIAL NO. SEE BOM	DOCUMENT NO. SD-33481-061	SHEET NO. 4 OF 5	
				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						

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	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								

R

R

R

R

REVISED
EC NO: UAU2013-1487
2013/03/20
DRAWN:APPROFIT
2013/03/21
CHKD:MD/CK
2013/03/21
APPR:VKOSHY
2013/03/26

DESCRIPTION
REV

QUALITY
SYMBOLS

$\nabla=0$

$\nabla=0$

$\nabla=0$

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	$\pm .005$	$\pm .0004$
3 PLACES	$\pm .008$	$\pm .0006$
2 PLACES	± 0.10	$\pm .0043$
1 PLACE	± 0.3	$\pm .0118$
0 PLACE	$\pm$	$\pm$

ANGULAR $\pm 3^\circ$
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY:DMARCOUX
DATE:06-14-02
CHECKED BY:
DATE:
DGRIFITH
DATE:06-14-02
APPROVED BY:
DATE:2010/11/04
VKOSHY

SCALE

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

MX150 1X6 BLADE
SEALED ASSEMBLY
MAT SEAL

molex

MATERIAL NO.
SEE BOM

DOCUMENT NO.
SD-33481-061

SHEET NO.
5 OF 5

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



**Стандарт
Электрон
Связь**

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Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

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С нами вы становитесь еще успешнее!

Наши контакты:

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Электронная почта: sales@st-electron.ru

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помещение 100-Н Офис 331