

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0334820801

Status:

Active

Overview:

[mx150_sealed_connector_system](#)

Description:

3.50mm (.138") Pitch MX150™ Sealed Male Connector, Dual Row, 8 Circuits, Polarization A, without Connector Position Assurance, Black



Series

image - Reference only

Documents:

- [3D Model](#)
- [Application Specification \(PDF\)](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-33472-000 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Crimp Housings
Series	33482
Comments	No Connector Position Assurance (CPA)
More Detailed Tech Information	http://ewcap.uscarteams.org
Overview	mx150_sealed_connector_system
Product Name	MX150™

Physical

Circuits (maximum)	8
Circuits Detail	8
Color - Resin	Black, Natural
Gender	Male
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Modified Polystyrene Alloy
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.138 In
Pitch - Mating Interface (mm)	3.50 mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +125°C

Electrical

Current - Maximum per Contact	22A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-33472-100
Packaging Specification	PK-31300-635
Product Specification	PS-33472-000
Sales Drawing	ES-E1AB-14A485-AA, SD-33482-081

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

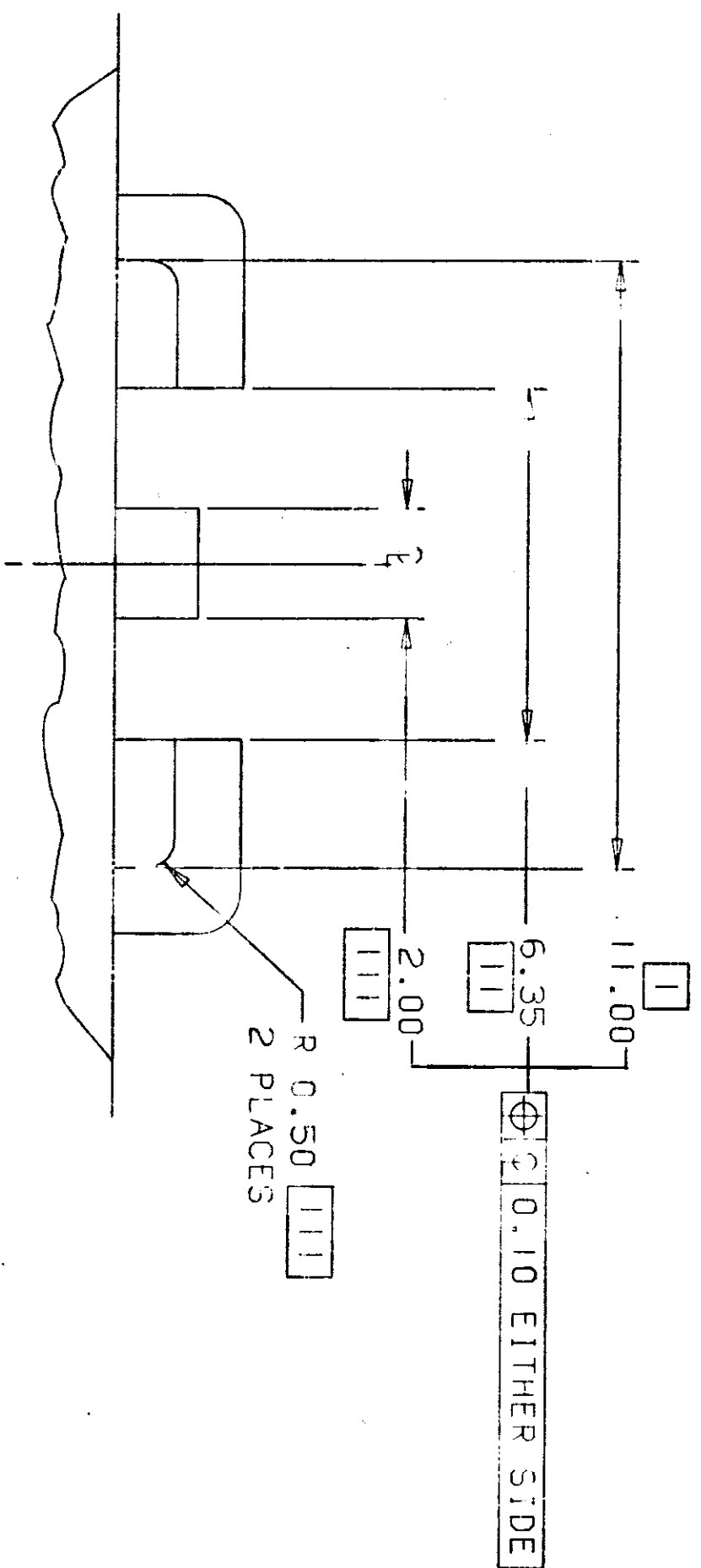
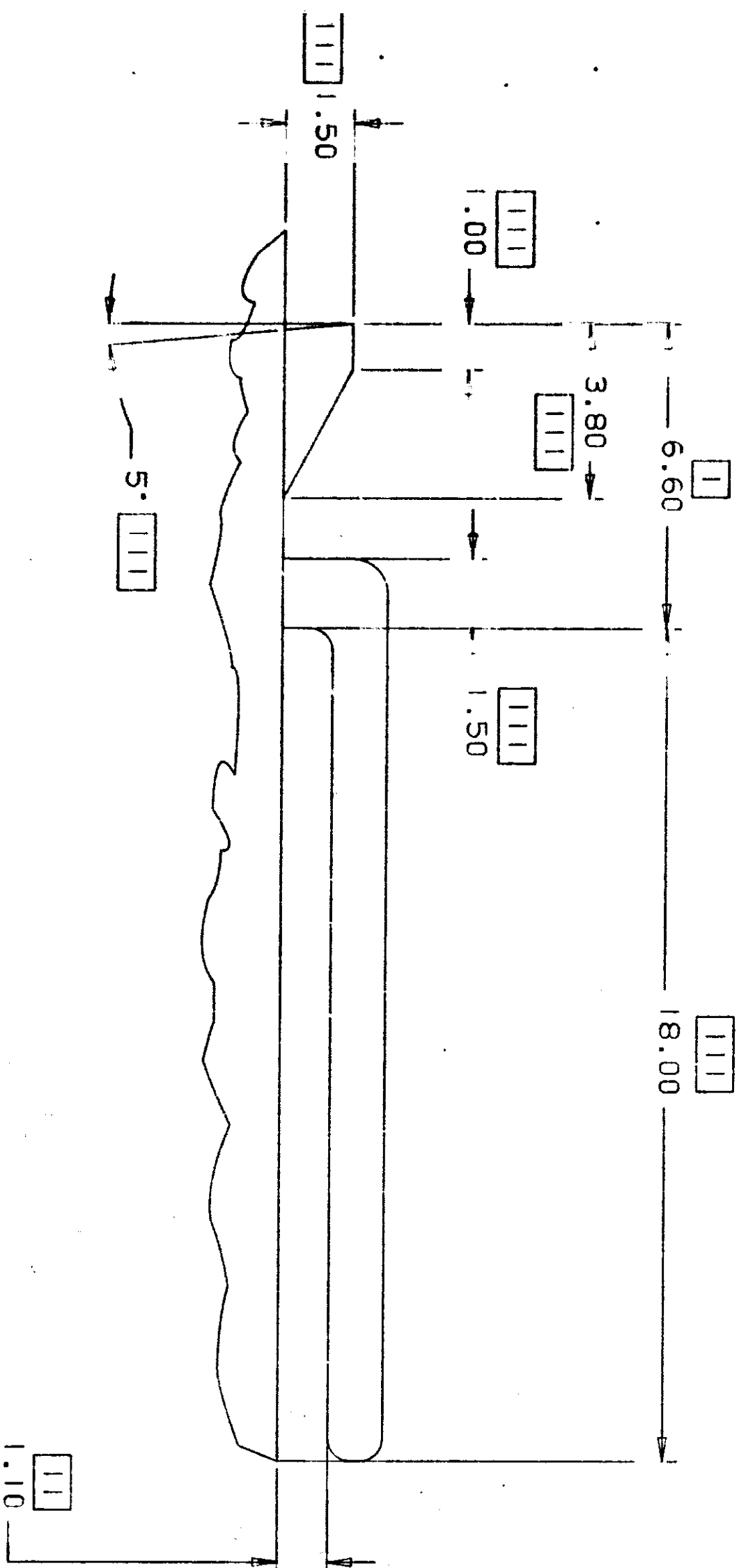
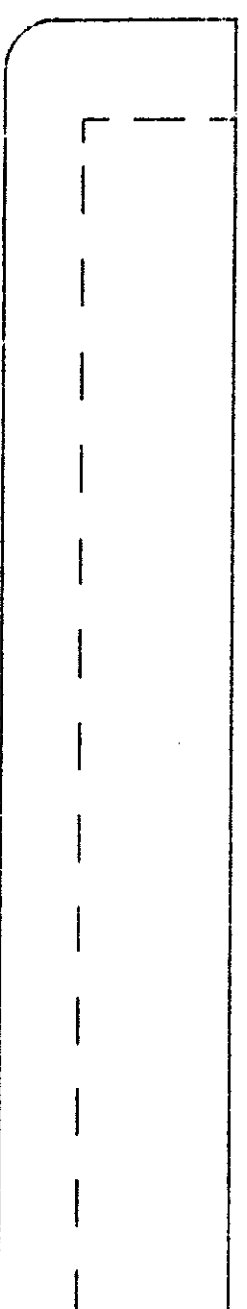
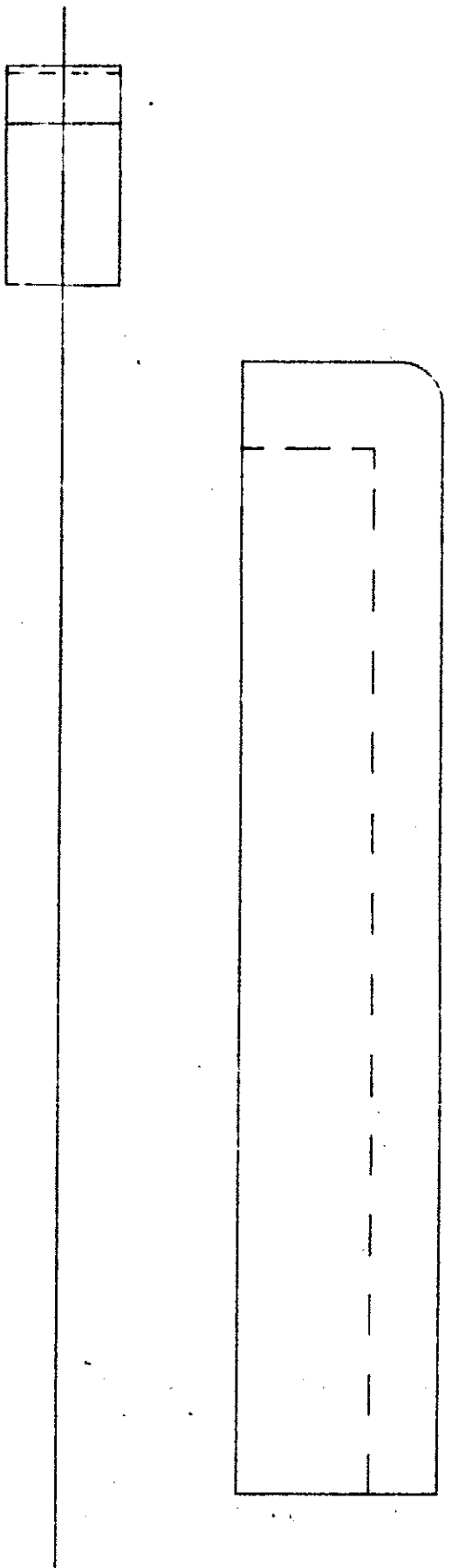
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
33482Series

Mates With
33472 Female Dual Row Sealed Connector

Use With
33000 MX150™ Tin (Sn) Male Terminal,
33011 Gold (Au) Male Terminal

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



VIEW OF WIRE END OF CONNECTOR

NOTE: UNLESS OTHERWISE SPECIFIED

- GENERAL TOLERANCES:
 ± 0.10 ALL TWO PLACE DIMENSIONS
 ± 0.3 ALL ONE PLACE DIMENSIONS
 $\pm 1.0^\circ$ ALL ANGULAR DIMENSIONS
0.5° MAXIMUM DRAFT ANGLE
0.3 MAXIMUM RADIUS PERMISSIBLE ON ALL EDGES AND
FILLETS SHOWN AS SHARP
ALL RADII 0.8
WALL THICKNESS 1.3-1.0

DATE	LET	REVISIONS	DR	CK	APP
11-18-77		RELEASED COMPLETE			
11-18-77		AKI-6000 #86			

NO. ES-EIAB-14A485-AA

PRODUCT ENGINEERING

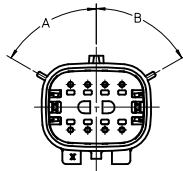
DATE	CHECKED	SCALE	APPROVED	CODE
11-8-77	CE	1/2"	MA	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETRES
3rd ANGLE PROJECTION
MACHINED DIM. 2
ANGULAR DIM. 2

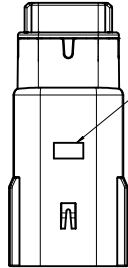
MATERIAL
DATE

NAME SPECIFICATION - RETAINER - WIRE
CONNECTOR SLEEVE
NO. ES-EIAB-14A485-AA

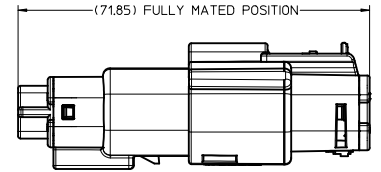
ASSEMBLY PART NUMBER	COLOR	KEYING OPTION	DIMENSIONS		CAVITY TYPE & STATUS (X = PLUGGED)							
			A	B	1	2	3	4	5	6	7	8
33482-0801	BLACK	A	60	60								
33482-0802	LT.GRAY	B	25	60								
33482-0803	BROWN	C	60	25								
33482-0804	GREEN	D	25	25								
33482-0805	CUSTOM	TBD										
33482-0806	BLACK	A	60	60					X			
33482-0807	LT.GRAY	B	25	60					X			
33482-0808	BROWN	C	60	25					X			
33482-0809	GREEN	D	25	25					X			
33482-0810	CUSTOM	TBD						X				
33482-0811	BLACK	A	60	60				X	X			
33482-0812	LT.GRAY	B	25	60				X	X			
33482-0813	BROWN	C	60	25				X	X			
33482-0814	GREEN	D	25	25				X	X			
33482-0815	CUSTOM	TBD						X	X			
33482-0816	BLACK	A	60	60	X			X	X			
33482-0817	LT.GRAY	B	25	60	X			X	X			
33482-0818	BROWN	C	60	25	X			X	X			
33482-0819	GREEN	D	25	25	X			X	X			
33482-0820	CUSTOM	TBD			X			X	X			
33482-0821	BLACK	A	60	60	X			X	X			X
33482-0822	LT.GRAY	B	25	60	X			X	X			X
33482-0823	BROWN	C	60	25	X			X	X			X
33482-0824	GREEN	D	25	25	X			X	X			X
33482-0825	CUSTOM	TBD			X			X	X			X
33482-0826	BLACK	A	60	60	X	X	X			X	X	X
33482-0827	BLACK	A	60	60								X
33482-0828	BLACK	A	60	60			X		X			
33482-0829	BLACK	A	60	60		X	X	X	X	X	X	
33482-0830	BLACK	A	60	60						X		
33482-0831	BLACK	A	60	60			X		X	X		
33482-0832	BLACK	A	60	60				X	X			X
33482-0833	BLACK	A	60	60	X		X	X	X			
33482-0834	BLACK	A	60	60	X	X	X	X	X	X	X	X
33482-0835	BLACK	A	60	60							X	X
33482-0836	BLACK	A	60	60		X	X				X	X
33482-0837	BLACK	A	60	60	X			X				
33482-0838	BLACK	A	60	60		X	X		X	X	X	X



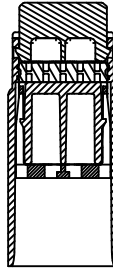
KEYING OPTION
SEE TABLE
SCALE 2:1



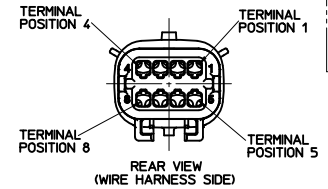
OPTIONAL TRACEABILITY
INFORMATION LOCATED IN
THIS AREA



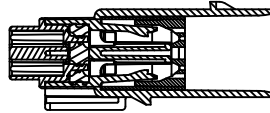
SCALE 1:1



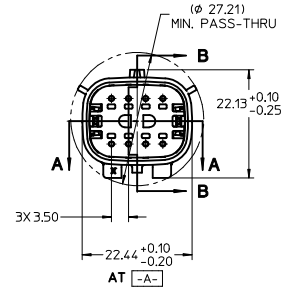
SECTION A-A



REAR VIEW
(WIRE HARNESS SIDE)

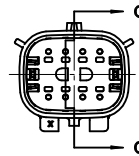


SECTION B-B
(BLADE SHOWN IN FULL-LOCK POSITION)
SEE NOTE 2

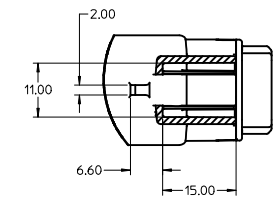
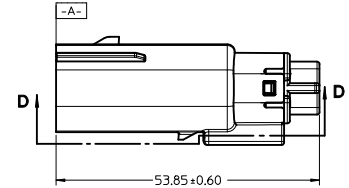


3X 3.50

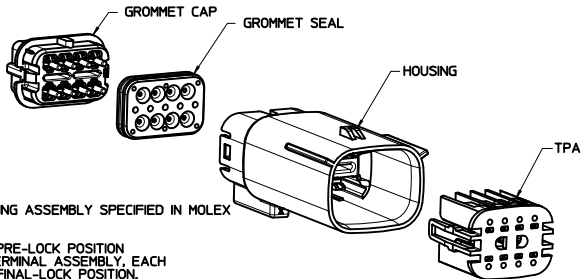
AT -A-



SECTION C-C
(BLADE SHOWN IN PRE-LOCK POSITION)
SEE NOTE 2



SECTION D-D



NOTES: UNLESS OTHERWISE SPECIFIED

- DESIGNED TO MATE WITH RECEPTACLE HOUSING ASSEMBLY SPECIFIED IN MOLEX CHARTED DRAWING SD-33472-081.
- ASSEMBLY SHIPPED WITH BLADE INSERT IN PRE-LOCK POSITION (SEE SECTION C-C PRE-LOCK). UPON FULL TERMINAL ASSEMBLY, EACH BLADE INSERT MUST BE SNAPPED INTO ITS FINAL-LOCK POSITION.
- FOR BLADE TERMINALS TO BE USED WITH THIS ASSEMBLY, SEE DRAWING SD-33000-001.
- SYSTEM TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.5mm TO 2.5mm.
- MATERIAL: SPS/NYLON BLEND, 20% GLASS FILLED.
- CHENGDU ASSEMBLIES SHALL CONFORM TO PACKAGING SPECIFICATION PK-31300-635
- SHALL CONFORM TO PRODUCT SPECIFICATION PS-33472-000.
- ASSEMBLY CONFORMS TO SAE/USCAR-2 REV 4 WITH THE FOLLOWING EXCEPTIONS:
TERMINAL INSERTION FORCE FOR WIRE SIZE ABOVE 2.5mm NOT EXCEEDING 2.69mm
SHALL NOT EXCEED 45 NEWTONS.

ENTER DESCRIPTION IEC NO: UAU2010-1454 DRAWN BY: CHYKORFF CHECKED BY: ITHS APPROVED BY: WOSHY DATE: 2010/02/04 DATE: 2010/02/17 DATE: 2010/02/17	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
		mm		INCH		DRAWN BY DATE		TITLE			
		4 PLACES ± --- ± ---		DMARCOUX 06-17-02		MX150 BLADE CONNECTOR ASSEMBLY 2 ROW SEALED, 8 WAY		MOLEX INCORPORATED		SHEET NO. 1 OF 1	
		3 PLACES ± --- ± ---		CHECKED BY DATE							
		2 PLACES ± 0.10 ± ---		DGRFF ITHS 06-17-02							
		1 PLACE ± 0.3 ± ---		APPROVED BY DATE							
		ANGULAR ± 3 °		FHOUB 06-17-02							
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.					
				AS NOTED		SD-33482-081					
				SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					