

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0334820601](#)
Status: **Active**
Overview: [mx150 sealed connector system](#)
Description: 3.50mm (.138") Pitch MX150™ Sealed Male Connector, Dual Row, 6 Circuits, Polarization A, without Connector Position Assurance, Black

Documents:

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

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)	6
Circuits Detail	6
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-30907-811, PK-31300-635
Product Specification	PS-33472-000
Sales Drawing	ES-E1AB-14A485-AA, SD-33482-061



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Halogen-Free Status
Not Reviewed

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

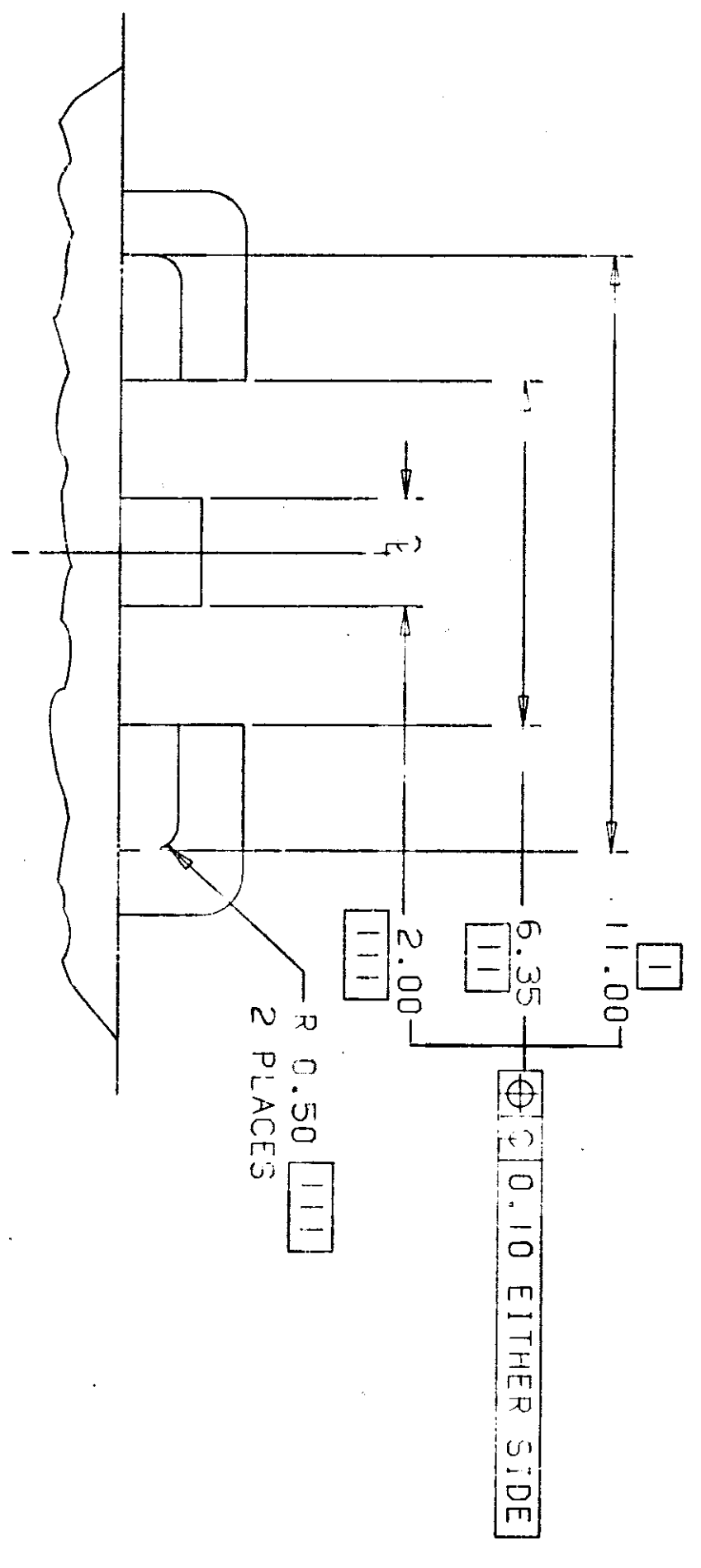
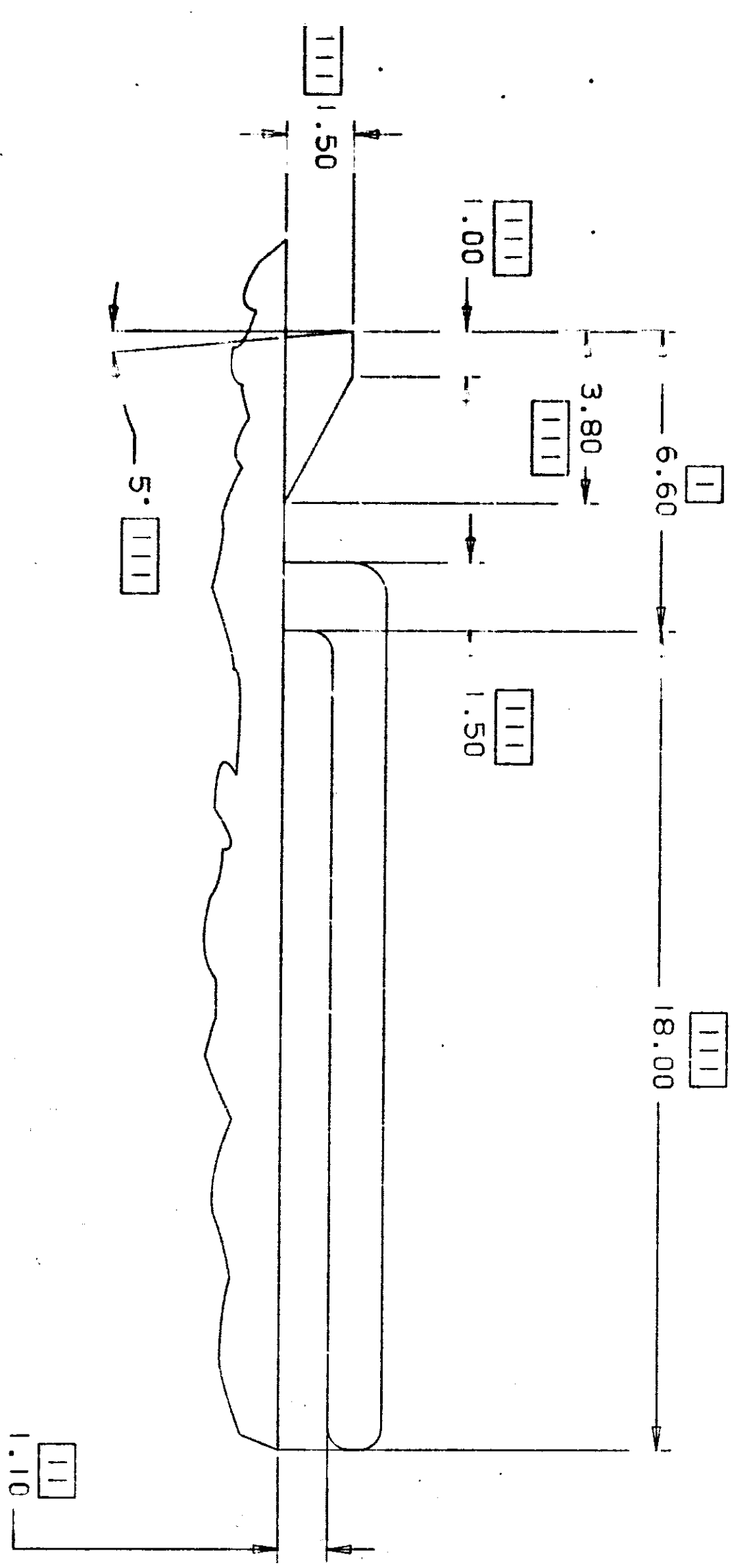
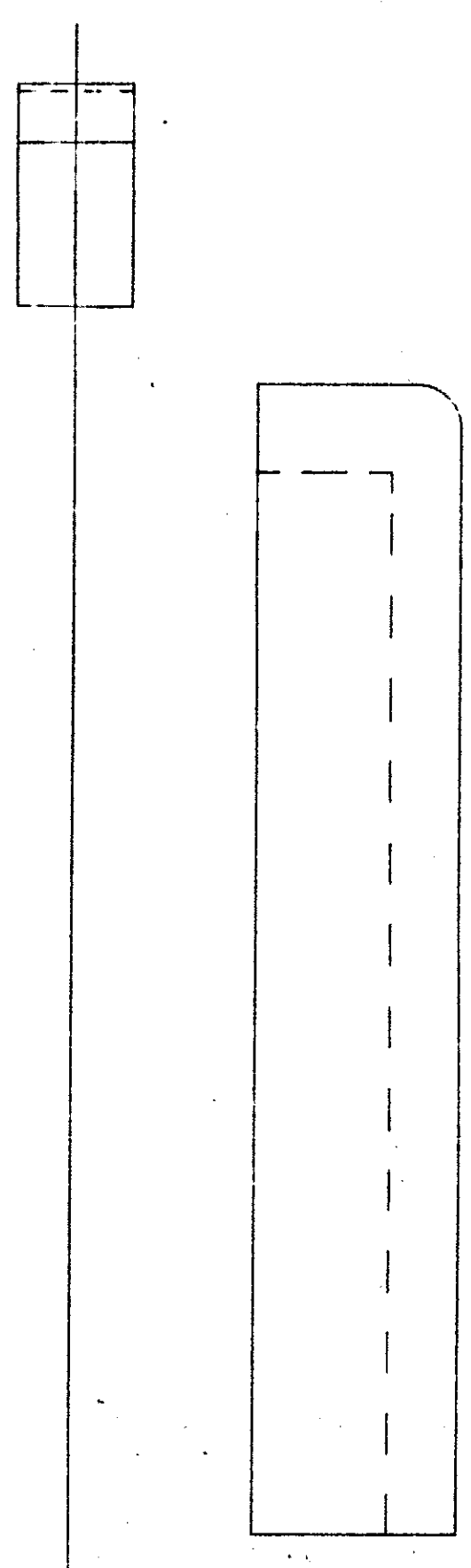
[33482Series](#)

Mates With

[33472](#) Female Dual Row Sealed Connector

Use With

[33000](#) MX150™ Tin (Sn) Male Terminal,
[33011](#) Gold (Au) Male Terminal



VIEW OF WIRE END OF CONNECTOR

NOTES: UNLESS OTHERWISE SPECIFIED

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

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

NO. ES-EIAB-14A485-AA

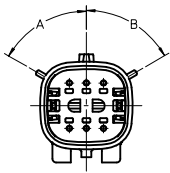
SPRINT PRODUCT ENGINEERING

MILLIMETERS ON ORIGINAL FORMAT - 1:1
10 20 30 40 50 60 70 80 90 100 110 120 130 140
DO NOT SCALE ABOVE SCALE FOR REFERENCE ONLY
REF
DRAWN BY: <i>Janice</i>
CHECKED: <i>CE</i>
SCALE: <i>1/2"</i>
APPROVED CODE: <i>MA</i>

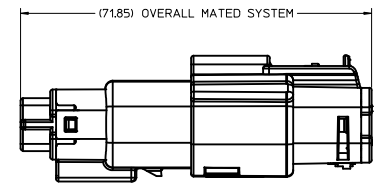
UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN MILLIMETERS
 MACHINED DIM: 1
 ANGULAR DIM: 1

NAME: SPECIFICATION - RETAINER - WIRE CONNECTOR SLEEVE
 DATE: 11-18-77
 MATERIAL: 55-
 NO. ES-EIAB-14A485-AA

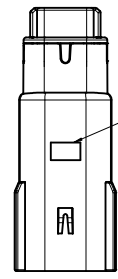
ASSEMBLY PART NUMBER	COLOR	KEYING OPTION	DIMENSIONS (DEGREES)		CAVITY TYPE & STATUS (X = PLUGGED)						STATUS
			A	B	1	2	3	4	5	6	
33482-0601	BLACK	A	60	60							SALEABLE
33482-0602	LT.GRAY	B	25	60							DESIGN CONCEPT
33482-0603	BROWN	C	60	25							DESIGN CONCEPT
33482-0604	GREEN	D	25	25							DESIGN CONCEPT
33482-0605			VOIDED								
33482-0606	BLACK	A	60	60			X				SALEABLE
33482-0607	LT.GRAY	B	25	60			X				DESIGN CONCEPT
33482-0608	BROWN	C	60	25			X				DESIGN CONCEPT
33482-0609	GREEN	D	25	25			X				DESIGN CONCEPT
33482-0610			VOIDED								
33482-0611	BLACK	A	60	60			X	X			SALEABLE
33482-0612	LT.GRAY	B	25	60			X	X			DESIGN CONCEPT
33482-0613	BROWN	C	60	25			X	X			DESIGN CONCEPT
33482-0614	GREEN	D	25	25			X	X			DESIGN CONCEPT
33482-0615			VOIDED								
33482-0616	BLACK	A	60	60			X				SALEABLE
33482-0617	BLACK	A	60	60		X					SALEABLE
33482-0618	BLACK	A	60	60				X	X		SALEABLE
33482-0619	BLACK	A	60	60		X	X	X	X		SALEABLE
33482-0620	BLACK	A	60	60	X	X	X	X	X		SALEABLE
33482-0621	BLACK	A	60	60	X		X	X			SALEABLE
33482-0622	BLACK	A	60	60			X	X	X		SALEABLE
33482-0623	BLACK	A	60	60			X				SALEABLE
33482-0624	BLACK	A	60	60					X		SALEABLE
33482-0625	LT.GRAY	B	25	60	X			X			DESIGN CONCEPT
33482-0626	BLACK	A	60	60	X	X	X	X			SALEABLE
33482-0627	BLACK	A	60	60	X	X	X	X			SALEABLE



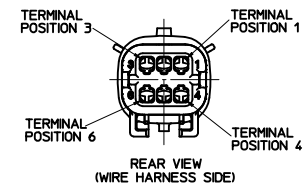
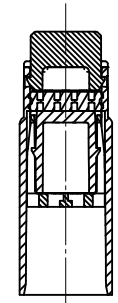
KEYING OPTION
SEE TABLE
SCALE 2:1



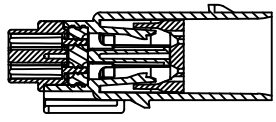
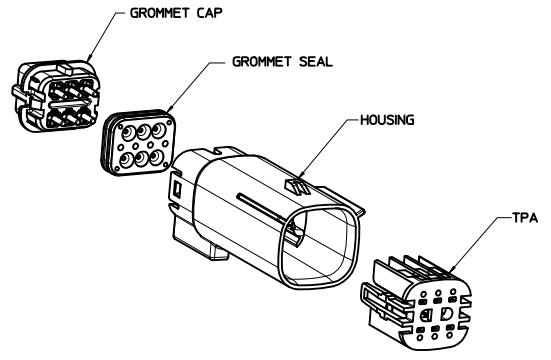
SCALE 1:1



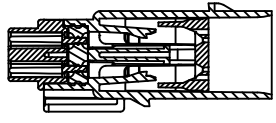
OPTIONAL TRACEABILITY INFORMATION LOCATED IN THIS AREA



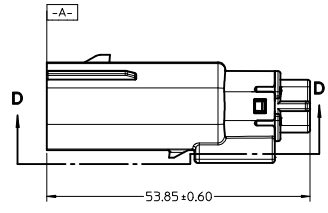
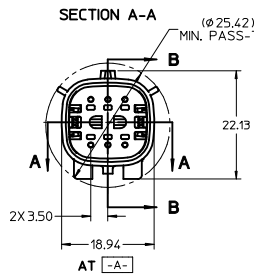
REAR VIEW
(WIRE HARNESS SIDE)



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



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-33472-061.
- ASSEMBLY SHIPPED WITH BLADE INSERT IN PRE-LOCK POSITION (SEE SECTION D-D 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.
- 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.

REDRAWN EC NO: UAU2010-1806 DRAWN BY: CHYKORRFFTHS CHECKED BY: APPR:VKOSHY 2010/06/03 2010/06/11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ▽=0	mm INCH 4 PLACES ±--- ±--- 3 PLACES ±--- ±--- 2 PLACES ±0.10 ±--- 1 PLACE ±0.3 ±--- ANGULAR ± 3 °	MM ONLY	2:1	METRIC	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWN BY: DMARCOUX CHECKED BY: DGRIFFFTHS APPROVED BY: VKOSHY DATE: 06-17-02 DATE: 06-17-02 DATE: 2010/03/12	MATERIAL NO. AS NOTED DOCUMENT NO. SD-33482-061	TITLE: MX150 BLADE CONNECTOR ASSEMBLY 2 ROW SEALED, 6 WAY MOLEX INCORPORATED	SHEET NO. 1 OF 1	