Part Number: 0340910003

Status: **Active**

Overview: mx150_sealed_connector_system

Description: MX150 1.50mm (.059") 3 Way Single Row Cable Seal, Keying Option C, Brown

Documents:

Drawing (PDF)

Packaging Specification (PDF)

Product Specification PS-34250-000 (PDF)

RoHS Certificate of Compliance (PDF)

Series
image - Reference only

General

Product Family	Crimp Housings
Series	34091
More Detailed Tech Information	http://ewcap.uscarteams.org
Overview	mx150_sealed_connector_system
Product Name	MX150™

Physical

Circuits (maximum)	3
Circuits Detail	3
Color - Resin	Brown
Gender	Male
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.177 In
Pitch - Mating Interface (mm)	4.50 mm
Pitch - Term. Interface (in)	0.177 In
Pitch - Term. Interface (mm)	4.50 mm
Polarized to Mating Part	Yes
Ports	3
Stackable	No
Temperature Range - Operating	-40°C to +125°C

Electrical

Current - Maximum per Contact	17A

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-31300-004
Product Specification	PS-34250-000
Sales Drawing	SD-34091-001

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free Status

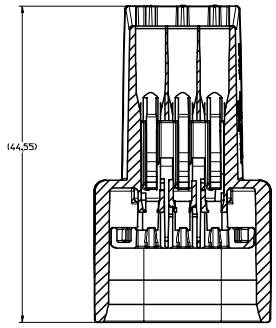**Halogen-Free**

China RoHS
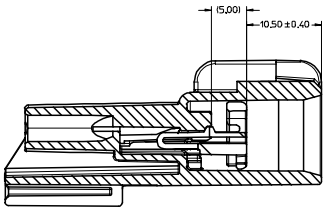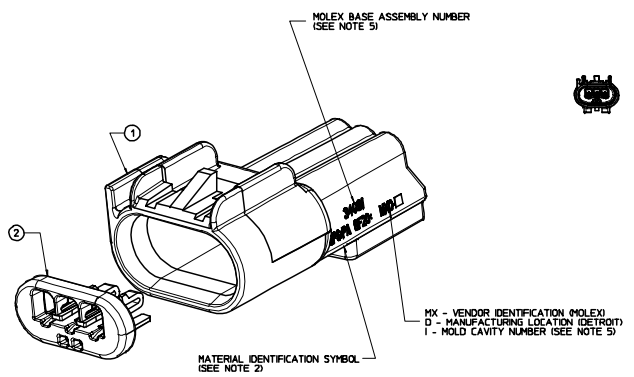
Need more information on product environmental compliance?

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.

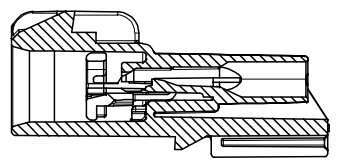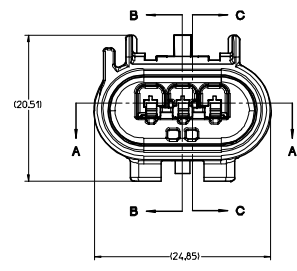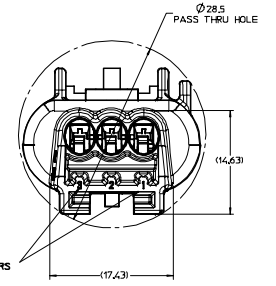**Search Parts in this Series**

34091 Series

34091

MOLEX BASE ASSEMBLY NUMBER
(SEE NOTE 5)

①

②

MX – VENDOR IDENTIFICATION (MOLEX)
D – MANUFACTURING LOCATION (DETROIT)
I – MOLD CAVITY NUMBER (SEE NOTE 5)

MATERIAL IDENTIFICATION SYMBOL
(SEE NOTE 2)

(44,55)

SECTION A-A

KEY OPTION "A"

KEY OPTION "B"

KEY OPTION "C"

KEY OPTION "D"

(5,00)
10,50 ±0,40

SECTION C-C
TPA SHOWN IN PRELOCK

B   C
(20,51)
A   A
B   C
(24,85)

SECTION B-B

Ø28,5
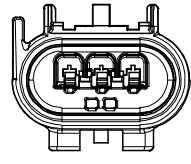PASS THRU HOLE

(14,63)

CIRCUIT ID NUMBERS
(17,43)

UNLESS OTHERWISE SPECIFIED:

1. FINAL CONNECTOR ASSEMBLY MUST MATE TO RECEPTACLE ASSEMBLY SPECIFIED
   ON FORD DRAWINGS 4L3T-14A464-VA AND 5L3T-14A464-BA

2. WHEREVER SIZE PERMITS, ALL PLASTIC PARTS MUST HAVE MATERIAL
   IDENTIFICATION SYMBOLS CLEARLY MARKED.

3. CHANGES IN DESIGN COMPOSITION OR PROCESSING FROM THE PART PREVIOUSLY
   APPROVED FOR PRODUCTION REQUIRES PRIOR ENGINEERING APPROVAL.

4. PARTS MUST BE FREE OF SCRATCHES, DISCOLORATION, SALT RESIDUE OR
   OTHER IMPERFECTIONS THAT MAY AFFECT FUNCTION OR FIT OF PARTS.

5. SOURCE IDENTIFICATION MARK, PRODUCTION DATE CODE AND MOLEX ASSEMBLY
   PART NUMBER MUST BE PERMANENTLY APPLIED ON THE PART WITH 1,5mm
   LETTER SIZE FROM THE BOTTOM TO THE TOP OF THE CHARACTER AND LEGIBLE
   WHEREVER PACKAGE SIZE PERMITS OR OTHER AGREEMENTS ARE MADE.

6. PART MUST CONFORM TO THE ELECTRICAL CONNECTION SYSTEM DESIGN
   SPECIFICATION (SDS) REVISION 8 (DATED 11-20-00).

7. PART MUST CONFORM TO SAE/USCAR-2 REV. 3 DATED APRIL 2001 – CLASS 3

8. MAXIMUM USER FORCE TO MATE CONNECTOR FULLY POPULATED WITH TIN
   TERMINALS SHALL BE 55 N.

9. FOR BLADE TERMINALS AND WIRE SEALS TO BE USED WITH THIS ASSEMBLY,
   SEE TABLE FOR APPLICABLE COMPONENTS.

10. 0,3mm MAXIMUM RADIUS PERMISSIBLE ON EDGES AND FILLETS SHOWN AS SHARP.

11. IT IS INTENDED TO COMPLY WITH USCAR DRAWING NO. 150-S-003-1-Z02
    WITH THE FOLLOWING EXCEPTIONS:
    (1,60) WAS 1,2
    (14,05) WAS 14,20
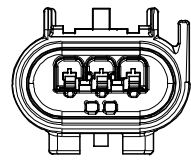   R(3,00) WAS R1,0

12. PACKAGING: PLEASE REFER TO PK-31300-004

TERMINAL/WIRE/SEAL APPLICATIONS

DESCRIPTION	PLATING	FORD COMPONENT NO.	MATERIAL/SPEC. NO.	WIRE TYPE AND SIZE ESB-MIL123-A	WIRE DIAMETER RANGE	WIRE SEAL	COLOR
1,5 TERMINAL (M)	TIN	97BG-14421-ADA	COPPER ALLOY/WSS-M99P23-B	22, 20 AWG	1,19 - 1,65 O.D.	97BG-10C930-SBA	PINK
1,5 TERMINAL (M)	TIN	97BG-14421-AEA	COPPER ALLOY/WSS-M99P23-B	18, 16 AWG	1,60 - 2,10 O.D.	XW43-14603-AA	GREEN
1,5 TERMINAL (M)	GOLD	97BG-14421-AHA	COPPER ALLOY/WSS-M99P23-B	22, 20 AWG	1,19 - 1,65 O.D.	97BG-10C930-SBA	PINK
1,5 TERMINAL (M)	GOLD	97BG-14421-AJA	COPPER ALLOY/WSS-M99P23-B	18, 16 AWG	1,60 - 2,10 O.D.	XW43-14603-AA	GREEN

FORD ASM NUMBERS	MOLEX ASM NUMBERS
4F9T-14A624-PA	34091-0003
5C3T-14A624-AA	34091-0004

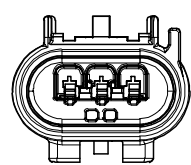| ITEM	DESCRIPTION	COLOR	PART NUMBER	MATL/SPEC. NO.	NO. OF ITEMS REQUIRED	
1	HOUSING - MALE 3WAY (KEY OPTION "C")	BROWN	34092-0003	SPS/PA GF20%	1	
1	HOUSING - MALE 3WAY (KEY OPTION "D")	GREEN	34092-0004	SPS/PA GF20%		1
2	TERMINAL POSITION ASSURANCE DEVICE (TPA)	NATURAL	34093-0001	PBT GF30%	1	1

ENTER DESCRIPTION
EC NO. UAU2007-0252
DRWN-RKAKKURI   2006/11/15
CHKDR-RKAKKURI   2006/11/16
APPRS-CPENDLETON   2006/11/16
REV A

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± ---	± ---
1 PLACE	± ---	± ---
ANGULAR	± ---	

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE	SCALE	DESGN UNITS	THIRD ANGLE PROJECTION
MM ONLY	4:1	METRIC	

DRAWN BY	DATE
DLANGOLF	11/20/02
CHECKED BY	DATE
RKAKKURI	11/20/02
APPROVED BY	DATE
CPENDLETON	11/20/02

TITLE
BLADE CONNECTOR
3WAY 1.5MM CABLE SEAL

molex   MOLEX INCORPORATED

MATERIAL NO.
SEE CHART

DOCUMENT NO.
SD-34091-001

SHEET NO.
1 OF 1

SIZE E

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

tb_frame_E_P_AM_T
Rev. D 2004/06/28