

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0342500035**
Status: **Active**
Overview: mx150 sealed connector system
Description: 4.50mm (.177") Pitch MX150™ Cable Sealed Female Connector, Single Row, 3 Circuits, Polarization C, with Connector Position Assurance, Single Key, Brown

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-34250-000 \(PDF\)](#)

General

Product Family	Crimp Housings
Series	<u>34250</u>
Comments	With Connector Position Assurance (CPA), Single Key
More Detailed Tech Information	http://ewcap.uscarteams.org
Overview	<u>mx150 sealed connector system</u>
Product Name	MX150™

Physical

Circuits (maximum)	3
Circuits Detail	3
Color - Resin	Brown
Gender	Female
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Polyester, Polyphenylene Ether Alloy
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
Stackable	No
Temperature Range - Operating	-40°C to +125°C

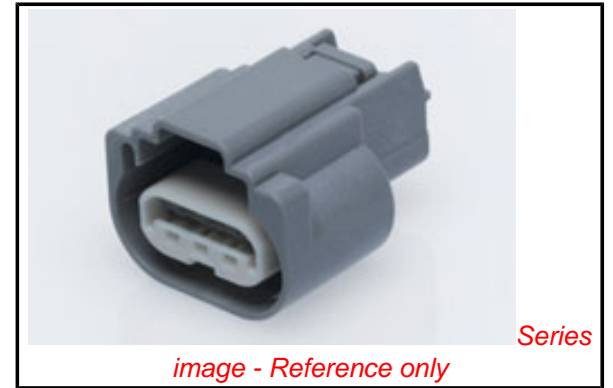
Electrical

Current - Maximum per Contact	15A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-34250-100
Packaging Specification	PK-31300-068
Product Specification	PS-34250-000
Sales Drawing	SD-34250-002



EU RoHS

ELV and RoHS Compliant
REACH SVHC
 Not Reviewed
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

[34250Series](#)

Mates With

Direct Connect only

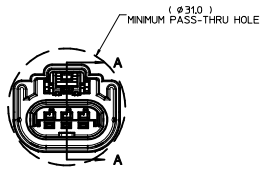
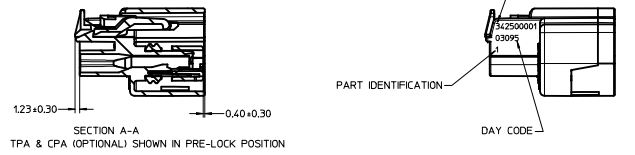
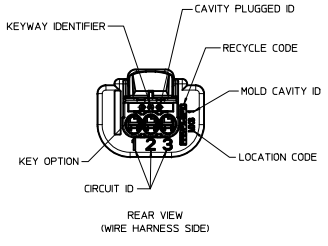
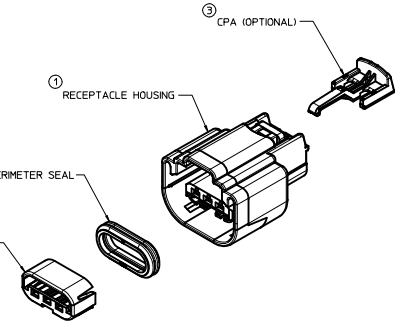
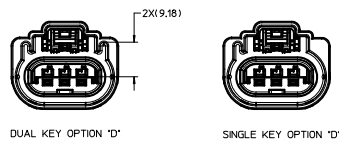
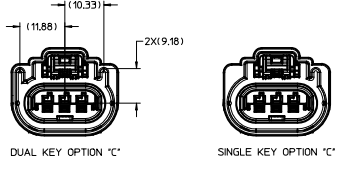
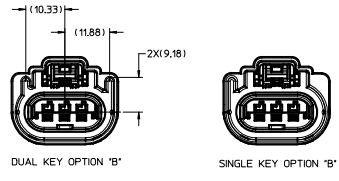
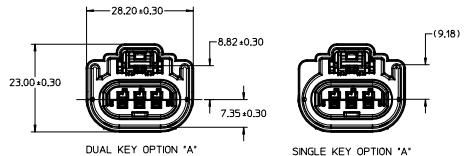
Use With

[34083](#) Tin (Sn) Cable Seal Female Terminal,
[34081](#) Gold (Au) Cable Seal Female Terminal

AWG	PART NUMBER	PAYOFF DIRECTION	PLATING	GRIP	QSR P/N	WIRE OD RANGE	COLOR
22	34083-2003	RIGHT	TIN	22	E-1644-01	1.19-1.65	PINK
22	34083-3003	LEFT	TIN	22			
22	34081-2005	RIGHT	GOLD	22			
22	34083-2002	RIGHT	TIN	18/20			
20	34083-2002	RIGHT	TIN	18/20	E-1644-00	1.60-2.10	GREEN
20	34083-3002	LEFT	TIN	18/20			
20	34081-2004	RIGHT	GOLD	18/20			
20	34081-3004	LEFT	GOLD	18/20			
18	34083-2002	RIGHT	TIN	18/20	E-1644-02	2.10-2.50	YELLOW
18	34083-3002	LEFT	TIN	18/20			
18	34081-2004	RIGHT	GOLD	18/20			
18	34081-3004	LEFT	GOLD	18/20			
16	34083-2001	RIGHT	TIN	16	E-1644-02	2.10-2.50	YELLOW
16	34081-2003	LEFT	TIN	16			
16	34081-2003	RIGHT	GOLD	16			
16	34081-3003	LEFT	GOLD	16			

TERMINAL *PREFERRED* (SEE NOTE 5 FOR OPTIONAL TERMINALS)

CABLE SEAL (QSR)



342503068	D	BLACK	NONE	N/A	150-S-003-1-D02	SALEABLE
342503052	D	GREY		N/A	150-S-003-1-D02	SALEABLE
342503051	C	BROWN		N/A	150-S-003-1-C02	SALEABLE
342503081	B	GREY		150-S-003-1-B01	N/A	SALEABLE
342503077	A	BLACK		150-S-003-1-A01	N/A	DESIGN CONCEPT ONLY
342503066	B	BLACK		150-S-003-1-B01	N/A	SALEABLE
342503086	D	GREY		N/A	150-S-003-1-D02	SALEABLE
342503036	C	BROWN		N/A	150-S-003-1-C02	SALEABLE
342503002	B	GREY	YES	150-S-003-1-B01	N/A	SALEABLE
342503001	A	BLACK		150-S-003-1-A01	N/A	DESIGN CONCEPT ONLY
342503065	B	BLACK		150-S-003-1-B01	N/A	SALEABLE
342500052	D	GREY		N/A	150-S-003-1-D02	SALEABLE
342500051	C	BROWN		N/A	150-S-003-1-C02	SALEABLE
342500050	B	GREY		N/A	150-S-003-1-B02	DESIGN CONCEPT ONLY
342500049	A	BLACK		N/A	150-S-003-1-A02	DESIGN CONCEPT ONLY
342500036	D	GREY		N/A	150-S-003-1-D02	SALEABLE
342500035	C	BROWN	YES	N/A	150-S-003-1-C02	SALEABLE
342500034	B	GREY		N/A	150-S-003-1-B02	DESIGN CONCEPT ONLY
342500033	A	BLACK		N/A	150-S-003-1-A02	DESIGN CONCEPT ONLY
342500020	D	GREEN		150-S-003-1-D01	N/A	DESIGN CONCEPT ONLY
342500019	C	BROWN		150-S-003-1-C01	N/A	DESIGN CONCEPT ONLY
342500018	B	GREY	NONE	150-S-003-1-B01	N/A	SALEABLE
342500017	A	BLACK		150-S-003-1-A01	N/A	DESIGN CONCEPT ONLY
342500004	D	GREEN		150-S-003-1-D01	N/A	DESIGN CONCEPT ONLY
342500003	C	BROWN	YES	150-S-003-1-C01	N/A	DESIGN CONCEPT ONLY
342500002	B	GREY		150-S-003-1-B01	N/A	SALEABLE
342500001	A	BLACK		150-S-003-1-A01	N/A	DESIGN CONCEPT ONLY

ASSEMBLY P/N	KEY OPTION	HSG COLOR	CPA	HATES W/ USCAR DUAL KEY	HATES W/ USCAR SINGLE KEY	STATUS

- UNLESS OTHERWISE SPECIFIED:
- PART CONFORMS TO SAE/USCAR-2 REV. 4 (05/04), EXCEPT AS FOLLOWS:
 - DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN USCAR/EWCAP DRAWING NO 150-S-003-1-202, ALL OPTION A-D, REV. A, DATED 10/19/99, ALSO WITH THE DEVICE CONNECTION AS SPECIFIED IN USCAR/EWCAP DRAWING NO 150-S-003-1-201, ALL OPTION A-D, REV. D, DATED 10/15/02.
 - ASSEMBLY SHIPPED WITH TPA IN PRE-LOCK POSITION (SEE SECTION A-A PRELOCK). UPON FULL TERMINAL ASSEMBLY, TPA MUST BE SNAPPED INTO ITS FINAL LOCK POSITION AFTER TERMINALS ARE ASSEMBLED.
 - OPTIONAL CPA SHOWN IN ALL VIEWS. SEE TABLE FOR SPECIFIC ASSEMBLY OPTION AND NUMBER.
 - FOR PREFERRED TERMINALS SEE MOLEX DRAWING SD-34083-002 FOR OPTIONAL TERMINALS SEE MOLEX DRAWING SD-34083-001

ITEM	DESCRIPTION	COLOR	MOLEX P/N	RECYCLE CODE
1	RECEPTACLE HOUSING	SEE CHART	SEE CHART	PPE/PA GF10
2	TPA	NATURAL	342520001	PBT-GF30
3	CPA	RED	340660001	PBT-GF30
4	PERMETER SEAL	BLUE	342530001	SILICON 50 DUROMETER

ENTER DESCRIPTION EC NO: 2010/03/16 DRAWING REF: THIS DATE: 2003/09/03 L.P.L.M APPR: REV:	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th>PLACES</th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± 0.10</td> <td>± 0.004</td> </tr> <tr> <td>3 PLACES</td> <td>± 0.15</td> <td>± 0.005</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.20</td> <td>± 0.008</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.3</td> <td>± 0.012</td> </tr> </table>	PLACES	mm	INCH	4 PLACES	± 0.10	± 0.004	3 PLACES	± 0.15	± 0.005	2 PLACES	± 0.20	± 0.008	1 PLACE	± 0.3	± 0.012	DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY DATE		MOLEX INCORPORATED																	
SEE CHART		DISCLOSURE NO.		SD-34250-002																	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					