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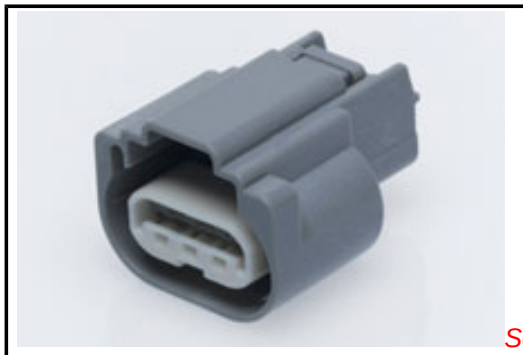
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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



Series image - Reference only

Documents:
Drawing (PDF)
RoHS Certificate of Compliance (PDF)
Product Specification PS-34250-000 (PDF)

General

Product Family	Crimp Housings
Series	34250
Comments	With Connector Position Assurance (CPA), Single Key
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	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

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

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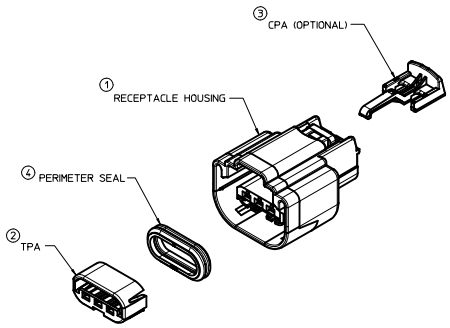
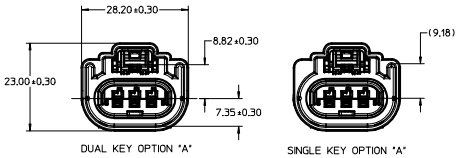
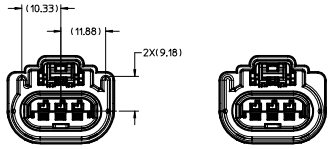
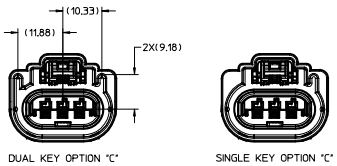
22	34083-2003	RIGHT	TIN	22	E-1644-01	1.19-1.65	PINK
22	34083-3003	LEFT	TIN	22			
22	34081-2005	RIGHT	GOLD	22			
22	34081-3005	LEFT	GOLD	22			
20	34083-2002	RIGHT	TIN	18/20	E-1644-00	1.60-2.10	GREEN
20	34083-3002	LEFT	TIN	18/20			
20	34081-2004	RIGHT	GOLD	18/20			
20	34081-3004	LEFT	GOLD	18/20			
18	34083-2002	RIGHT	TIN	18/20			
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	34083-3001	LEFT	TIN	16			
16	34081-2003	RIGHT	GOLD	16			
16	34081-3003	LEFT	GOLD	16			
AWG / WIRE SIZE	PART NUMBER	PAYOFF DIRECTION	PLATING	GRIP	QSR P/N	WIRE OD RANGE	COLOR
TERMINAL *PREFERRED* (SEE NOTE 5 FOR OPTIONAL TERMINALS)					CABLE SEAL (QSR)		

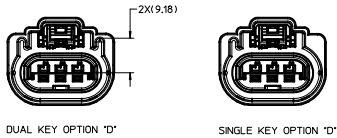
OPTIONAL LATCH	342503068	D	BLACK	NONE	N/A	150-S-003-1-D02	SALEABLE
	342503052	D	GREY		N/A	150-S-003-1-D02	SALEABLE
	342503051	C	BROWN		N/A	150-S-003-1-C02	SALEABLE
	342503038	B	GREY		150-S-003-1-B01	N/A	SALEABLE
	342503017	A	BLACK		150-S-003-1-A01	N/A	DESIGN CONCEPT ONLY
	342503066	B	BLACK		150-S-003-1-B01	N/A	SALEABLE
	342503036	D	GREY	YES	N/A	150-S-003-1-D02	SALEABLE
	342503035	C	BROWN		N/A	150-S-003-1-C02	SALEABLE
	342503002	B	GREY		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
STANDARD	342500052	D	GREY	NONE	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
STANDARD	342500036	D	GREY	YES	N/A	150-S-003-1-D02	SALEABLE
	342500035	C	BROWN		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
STANDARD	342500020	D	GREEN	NONE	150-S-003-1-D01		DESIGN CONCEPT ONLY
	342500019	C	BROWN		150-S-003-1-C01		DESIGN CONCEPT ONLY
	342500018	B	GREY		150-S-003-1-B01		SALEABLE
	342500017	A	BLACK		150-S-003-1-A01		DESIGN CONCEPT ONLY
STANDARD	342500004	D	GREEN	YES	150-S-003-1-D01		DESIGN CONCEPT ONLY
	342500003	C	BROWN		150-S-003-1-C01		DESIGN CONCEPT ONLY
	342500002	B	GREY		150-S-003-1-B01		SALEABLE
	342500001	A	BLACK		150-S-003-1-A01		DESIGN CONCEPT ONLY
LATCH STYLE	ASSEMBLY P/N	KEY OPTION	HSG COLOR	CPA	MATES W/ USCAR DUAL KEY	MATES W/ USCAR SINGLE KEY	STATUS

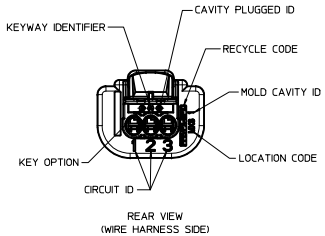


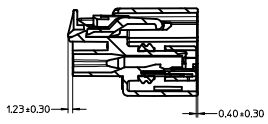


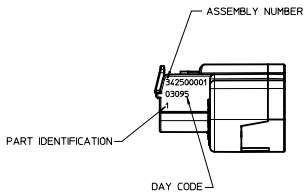


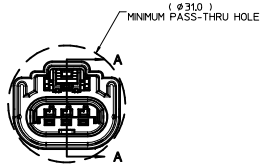












UNLESS OTHERWISE SPECIFIED:

1. PART CONFORMS TO SAE/USCAR-2 REV. 4 (05/04), EXCEPT AS FOLLOWS:
2. DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN USCAR/EWCAP DRAWING NO 150-S-003-1-Z02, 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-Z01, ALL OPTION A-D, REV D, DATED 10/15/02.
3. 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.
4. OPTIONAL CPA SHOWN IN ALL VIEWS. SEE TABLE FOR SPECIFIC ASSEMBLY OPTION AND NUMBER.
5. FOR PREFERRED TERMINALS SEE MOLEX DRAWING SD-34083-002 FOR OPTIONAL TERMINALS SEE MOLEX DRAWING SD-34083-001

ASSEMBLY MATERIALS				
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	PERIMETER SEAL	BLUE	342530001	SILICON 50 DUROMETER

ENTER DESCRIPTION
EC NO: 2010/03/18
DRWN: DGRIFFITHS
CHKD:
APPR:
REV: K

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.10	± ---
1 PLACE	± 0.3	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: L.P.LIM DATE: 2003/09/03
CHECKED BY: DATE:
APPROVED BY: DATE:
MATERIAL NO.: SEE CHART

TITLE: RECEPTACLE ASSEMBLY 3-WAY USCAR CONNECTOR 1.5MM CABLE SEAL
molex MOLEX INCORPORATED
DOCUMENT NO.: SD-34250-002
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