

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0340620015**  
**Status:** **Active**  
**Overview:** mx150  
**Description:** 5.00mm (.197") Pitch MX150™ Cable Sealed Female Connector, Single Row, 2 Circuits, Polarization A, with Connector Position Assurance, Black

**Documents:**

[Application Specification \(PDF\)](#) [Product Specification PS-34062-000 \(PDF\)](#)  
[Packaging Specification \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**General**

Product Family	Crimp Housings
Series	<u>34062</u>
Comments	With Connector Position Assurance (CPA)
More Detailed Tech Information	<a href="http://ewcap.uscarteams.org">http://ewcap.uscarteams.org</a>
Overview	<u>mx150</u>
Product Name	MX150™

**Physical**

Circuits (maximum)	2
Circuits Detail	2
Color - Resin	Gray
Gender	Female
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.197 In
Pitch - Mating Interface (mm)	5.00 mm
Pitch - Term. Interface (in)	0.197 In
Pitch - Term. Interface (mm)	5.00 mm
Polarized to Mating Part	Yes
Ports	2
Stackable	No
Temperature Range - Operating	125°C

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-30907-879
Product Specification	PS-34062-000
Sales Drawing	SD-34062-001



**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](mailto: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**

34062Series

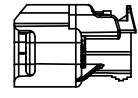
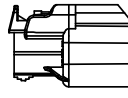
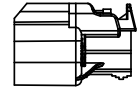
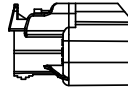
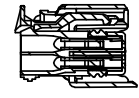
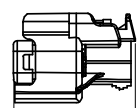
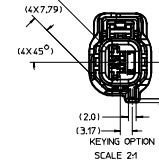
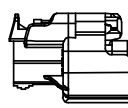
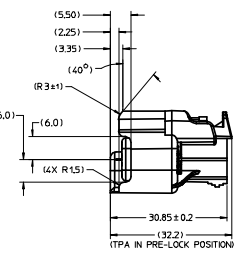
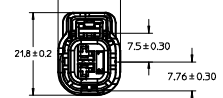
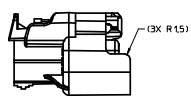
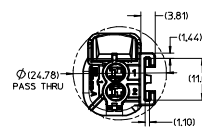
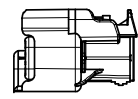
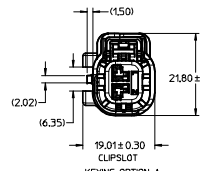
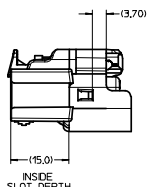
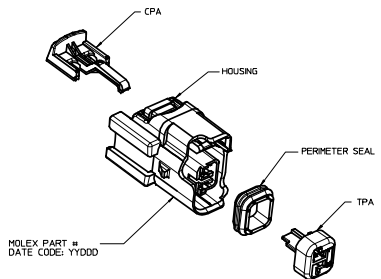
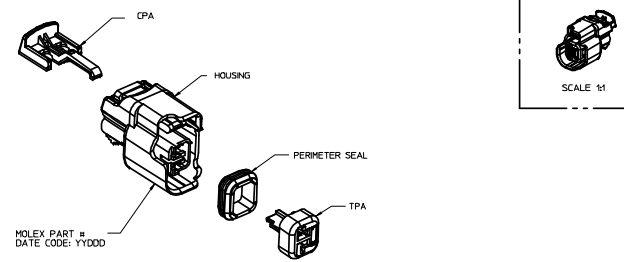
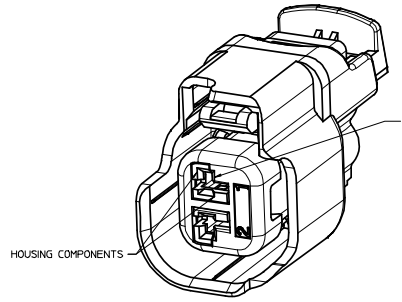
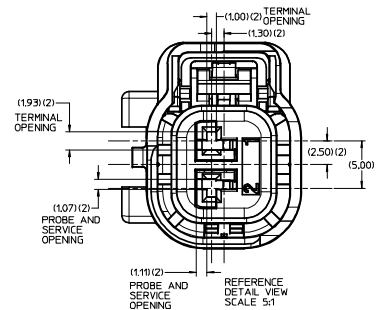
**Mates With**

Direct Connect only

**Use With**

34083

ASSEMBLY PART NUMBER	COLOR	KEYING OPTION	CPA	CLIPSLOT	TOOLED
34062-0001	BLACK	A	NO	NO	YES
34062-0002	GRAY	B	NO	NO	YES
34062-0003	BLACK	C	NO	NO	YES
34062-0004	BLACK	D	NO	NO	YES
34062-0005	BLACK	A	YES	NO	YES
34062-0006	GRAY	B	YES	NO	YES
34062-0007	BLACK	C	YES	NO	YES
34062-0008	BLACK	D	YES	NO	YES
34062-0009	GRAY	D	NO	NO	YES
34062-0010	GRAY	D	YES	NO	YES
34062-0011	BLACK	A	NO	YES	YES
34062-0012	GRAY	B	NO	YES	NO
34062-0013	BLACK	C	NO	YES	NO
34062-0014	BLACK	D	NO	YES	NO
34062-0015	BLACK	A	YES	YES	YES
34062-0016	GRAY	B	YES	YES	NO
34062-0017	BLACK	C	YES	YES	NO
34062-0018	BLACK	D	YES	YES	NO
34062-0019	GRAY	D	NO	YES	NO
34062-0020	GRAY	D	YES	YES	NO



- NOTES: UNLESS OTHERWISE SPECIFIED
- ASSEMBLY CONFORMS TO:  
SAE/USCAR-12, REV 2.  
SAE/USCAR-2, REV 4.  
EXCEPT TPA REMOVAL FROM FINAL LOCK - SECOND CYCLE, SHALL NOT BE LESS THAN 12 NEWTONS  
SAE/USCAR-20 DEC. 2001.
  - DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN EWCAP DRAWING 550-5-002-1-201 REV A 19-18-2003.
  - ASSEMBLY SHIPPED WITH TPA IN PRE-LOCK POSITION (SEE SECTION B-B PRE-LOCK). UPON FULL TERMINAL ASSEMBLY, EACH TPA MUST BE SNAPPED INTO ITS FINAL-LOCK POSITION.
  - OPTIONAL CPA SHOWN IN ALL VIEWS. SEE TABLES FOR SPECIFIC ASSEMBLY OPTION AND NUMBER.
  - KEYING OPTION AND ASSEMBLY MACHINE IDENTIFIER.
  - RECYCLE CODE FOR PERIMETER SEAL: SILICON 50 DUROMETER  
HOUSING: PPE/PA-GF30  
TPA/CPA: PBT-GF30
  - SYSTEM TESTED USING ESB-HL123-A, 16/18, 20/22 AWG WIRE. MS-8288 AND MS9502 ARE ACCEPTABLE ALTERNATIVES.

AWG	METRIC	PREFERRED TERMINAL	OPTIONAL TERMINAL	PAYOFF DIRECTION	PLATING	GRP	YAZAKI P/N	WIRE OD RANGE	COLOR	OSR P/N	WIRE OD RANGE	COLOR
22	0.50	34083-2003	34083-0003	RIGHT	TIN	22	7158-3030-50	1.20-1.70	RED	E-1644-01	1.19-1.65	PINK
22	0.50	34083-3003	34083-1003	LEFT	TIN	22	7158-3030-50	1.20-1.70	RED	E-1644-01	1.19-1.65	PINK
22	0.50	34081-2005	34081-0005	RIGHT	GOLD	22	7158-3030-50	1.20-1.70	RED	E-1644-01	1.19-1.65	PINK
22	0.50	34081-3005	34081-1005	LEFT	GOLD	22	7158-3030-50	1.20-1.70	RED	E-1644-01	1.19-1.65	PINK
20	0.75	34083-2002	34083-0002	RIGHT	TIN	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
20	0.75	34083-3002	34083-1002	LEFT	TIN	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
20	0.75	34081-2004	34081-0004	RIGHT	GOLD	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
20	0.75	34081-3004	34081-1004	LEFT	GOLD	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
18	1.0	34083-2002	34083-0002	RIGHT	TIN	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
18	1.0	34083-3002	34083-1002	LEFT	TIN	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
18	1.0	34081-2004	34081-0004	RIGHT	GOLD	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
18	1.0	34081-3004	34081-1004	LEFT	GOLD	18/20	7158-3031-90	1.63-2.40	BLUE	E-1644-00	1.60-2.10	GREEN
16	1.5	34083-2001	34083-0001	RIGHT	TIN	14/16	7158-3031-90	1.63-2.40	BLUE	E-1644-02	2.10-2.50	YELLOW
16	1.5	34083-3001	34083-1001	LEFT	TIN	14/16	7158-3031-90	1.63-2.40	BLUE	E-1644-02	2.10-2.50	YELLOW
16	1.5	34081-2003	34081-0003	RIGHT	GOLD	16	7158-3031-90	1.63-2.40	BLUE	E-1644-02	2.10-2.50	YELLOW
16	1.5	34081-3003	34081-1003	LEFT	GOLD	16	7158-3031-90	1.63-2.40	BLUE	E-1644-02	2.10-2.50	YELLOW

<b>ENTER DESCRIPTION</b> EC NO. UAU2008-063Z DRAWING/SLAB/REV/DATE APPROV./SMB/REV/DATE REV. DESCRIPTION	<b>QUALITY SYMBOLS</b> ▽-0 ▽-0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.3 ± --- ANGULAR ± 3°	<b>DIMENSION STYLE</b> MM ONLY DRAWN BY DATE L.P.L.I.M 2002/11/15 CHECKED BY DATE DKOEHLER 2002/11/25 APPROVED BY DATE SPENDLET 2002/11/25	<b>SCALE</b> 2:1 <b>DESIGN UNITS</b> METRIC <b>THIRD ANGLE PROJECTION</b>	<b>TITLE</b> CONNECTOR ASSEMBLY 2-WAY FUEL 15MM FEMALE FUEL INJECTOR CONNECTOR <b>MATERIAL NO.</b> TPA/CPA: PBT-GF30 <b>DOCUMENT NO.</b> SD-34062-001 <b>SHEET NO.</b> 4 OF 4
		<b>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</b>		<b>SEE TABLE</b>	