

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

**Part Number:** [0340620004](#)  
**Status:** **Active**  
**Overview:** [mx150](#)  
**Description:** 5.00mm (.197") Pitch MX150™ Cable Sealed Female Connector, Single Row, 2 Circuits, Polarization D, without Connector Position Assurance, Black

**Documents:**

|   |  |
|---|--|
| <a href="#">3D Model</a>                        | <a href="#">Product Specification PS-34062-000 (PDF)</a> |
| <a href="#">Application Specification (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |
| <a href="#">Drawing (PDF)</a>                   |  |

**General**

|                                |   |
|--------------------------------|---|
| Product Family                 | Crimp Housings  |
| Series                         | <a href="#">34062</a>   |
| Comments                       | No Connector Position Assurance (CPA)                                 |
| More Detailed Tech Information | <a href="http://ewcap.uscarteams.org">http://ewcap.uscarteams.org</a> |
| Overview                       | <a href="#">mx150</a>   |
| Product Name                   | MX150™  |

**Physical**

|                               |                 |
|-------------------------------|-----------------|
| Circuits (maximum)            | 2               |
| Circuits Detail               | 2               |
| Color - Resin                 | Black           |
| Gender                        | Female          |
| 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) | 0.197 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             |
| Stackable                     | No              |
| Temperature Range - Operating | -40°C to +125°C |

**Electrical**

|                               |     |
|-------------------------------|-----|
| Current - Maximum per Contact | 15A |
|-------------------------------|-----|

**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](#)

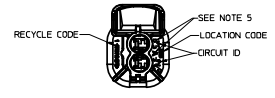
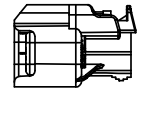
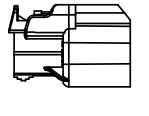
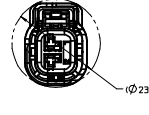
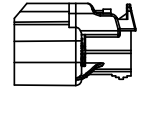
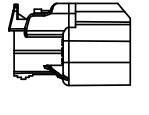
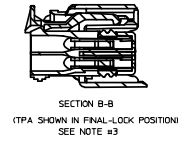
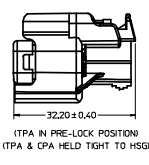
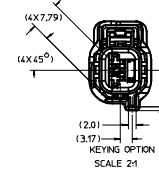
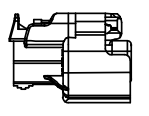
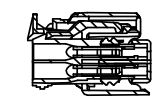
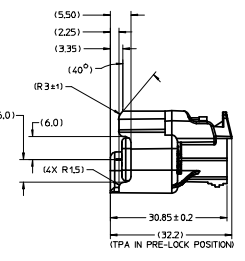
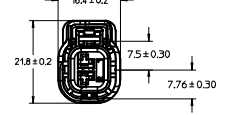
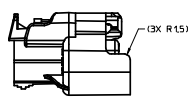
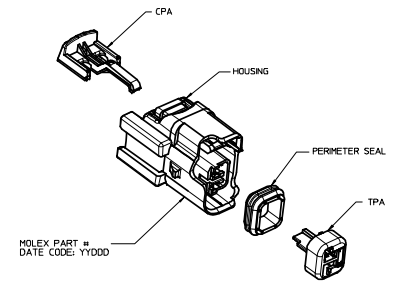
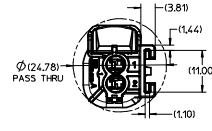
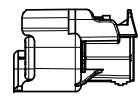
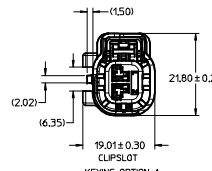
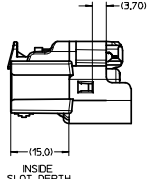
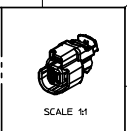
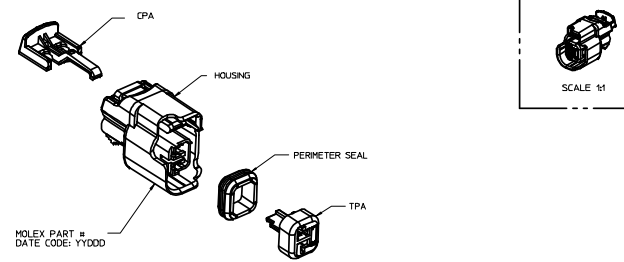
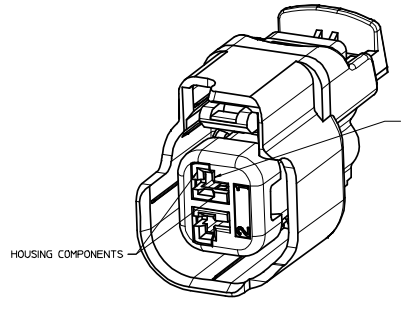
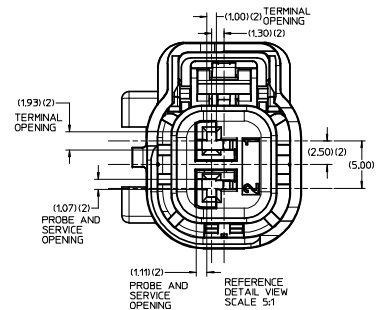
**Mates With**

Direct Connect only

**Use With**

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

| 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.

|           |                    |                   |                  |         |      |       |              |               |       |           |               |        |
|-----------|--------------------|-------------------|------------------|---------|------|-------|--------------|---------------|-------|-----------|---------------|--------|
| 22        | 0.50               | 34083-2003        | 34083-0003       | RIGHT   | TIN  | 22    | 7158-3030-50 | 120-170       | RED   | E-1644-01 | 119-165       | PINK   |
| 22        | 0.50               | 34083-3003        | 34083-1003       | LEFT    | TIN  | 22    | 7158-3030-50 | 120-170       | RED   | E-1644-01 | 119-165       |        |
| 22        | 0.50               | 34081-2005        | 34081-0005       | RIGHT   | GOLD | 22    | 7158-3030-50 | 120-170       | RED   | E-1644-01 | 119-165       |        |
| 22        | 0.50               | 34081-3005        | 34081-1005       | LEFT    | GOLD | 22    | 7158-3030-50 | 120-170       | RED   | E-1644-01 | 119-165       |        |
| 20        | 0.75               | 34083-2002        | 34083-0002       | RIGHT   | TIN  | 18/20 | 7158-3031-90 | 163-2.40      | BLUE  | E-1644-00 | 160-210       | GREEN  |
| 20        | 0.75               | 34083-3002        | 34083-1002       | LEFT    | TIN  | 18/20 | 7158-3031-90 | 163-2.40      | BLUE  | E-1644-00 | 160-210       |        |
| 20        | 0.75               | 34081-2004        | 34081-0004       | RIGHT   | GOLD | 18/20 | 7158-3031-90 | 163-2.40      | BLUE  | E-1644-00 | 160-210       | GREEN  |
| 20        | 0.75               | 34081-3004        | 34081-1004       | LEFT    | GOLD | 18/20 | 7158-3031-90 | 163-2.40      | BLUE  | E-1644-00 | 160-210       |        |
| 18        | 1.0                | 34083-2002        | 34083-0002       | RIGHT   | TIN  | 18/20 | 7158-3031-90 | 163-2.40      | BLUE  | E-1644-00 | 160-210       | GREEN  |
| 18        | 1.0                | 34083-3002        | 34083-1002       | LEFT    | TIN  | 18/20 | 7158-3031-90 | 163-2.40      | BLUE  | E-1644-00 | 160-210       |        |
| 18        | 1.0                | 34081-2004        | 34081-0004       | RIGHT   | GOLD | 18/20 | 7158-3031-90 | 163-2.40      | BLUE  | E-1644-00 | 160-210       | GREEN  |
| 18        | 1.0                | 34081-3004        | 34081-1004       | LEFT    | GOLD | 18/20 | 7158-3031-90 | 163-2.40      | BLUE  | E-1644-00 | 160-210       |        |
| 16        | 1.5                | 34083-2001        | 34083-0001       | RIGHT   | TIN  | 14/16 | 7158-3031-90 | 163-2.40      | BLUE  | E-1644-02 | 210-250       | YELLOW |
| 16        | 1.5                | 34083-3001        | 34083-1001       | LEFT    | TIN  | 14/16 | 7158-3031-90 | 163-2.40      | BLUE  | E-1644-02 | 210-250       |        |
| 16        | 1.5                | 34081-2003        | 34081-0003       | RIGHT   | GOLD | 16    | 7158-3031-90 | 163-2.40      | BLUE  | E-1644-02 | 210-250       | YELLOW |
| 16        | 1.5                | 34081-3003        | 34081-1003       | LEFT    | GOLD | 16    | 7158-3031-90 | 163-2.40      | BLUE  | E-1644-02 | 210-250       |        |
| AWG       | METRIC             |                   |                  |         |      |       | YAZAKI P/N   | WIRE OD RANGE | COLOR | OSR P/N   | WIRE OD RANGE | COLOR  |
| WIRE SIZE | PREFERRED TERMINAL | OPTIONAL TERMINAL | PAYOFF DIRECTION | PLATING | GRP  |       | YAZAKI       |               |       | OSR       |               |        |
|           |                    |                   | TERMINAL         |         |      |       |              |               |       |           | CABLE SEAL    |        |

|   |                                  |   |   |   |   |
|---|----------------------------------|---|---|---|---|
| <b>ENTER DESCRIPTION</b><br>EC NO. UAU2008-063Z<br>DRAWING/SLAB/REV/DATE/APP/3-SHARE/REV/2003/04/08 | <b>QUALITY SYMBOLS</b><br>0<br>0 | <b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b><br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.10 ± ---<br>1 PLACE ± 0.3 ± ---<br>ANGULAR ± 3° | <b>DIMENSION STYLE</b><br>MM ONLY<br>DRAWN BY DATE<br>L.P.L.I.M 2002/11/15<br>CHECKED BY DATE<br>DKOEHLER 2002/11/25<br>APPROVED BY DATE<br>SPENDLET 2002/11/25 | <b>SCALE</b><br>2:1<br><b>DESIGN UNITS</b><br>METRIC<br><b>THIRD ANGLE PROJECTION</b> | <b>TITLE</b><br>CONNECTOR ASSEMBLY<br>2-WAY FUEL 15MM FEMALE<br>FUEL INJECTOR CONNECTOR<br><b>MATERIAL NO.</b><br>SD-34062-001<br><b>DOCUMENT NO.</b><br>SD-34062-001<br><b>SHEET NO.</b><br>4 OF 4 |
|   |                                  | <b>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</b>   |   | <b>SEE TABLE</b>  |   |