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**Part Number:** [075757101](#)  
**Status:** **Active**  
**Overview:** MX150 Sealed and Unsealed Connector System  
**Description:** MX150 Dual Row Header, Vertical, 20 Circuits, 2.50µm Tin (Sn) Plating, 16.09mm Mating Pin Length, 3.05mm PC Tail Length

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                     | <a href="#">Packaging Specification PK-36518-340-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Datasheet (PDF)</a>                                |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |
| <a href="#">Product Specification PS-75757-000-001 (PDF)</a> |  |

**General**

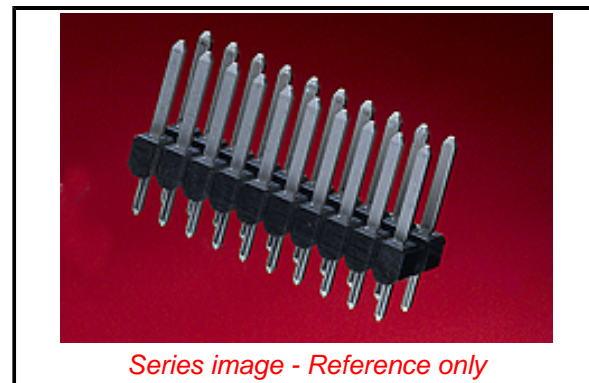
|                |   |
|----------------|---|
| Product Family | PCB Headers                                       |
| Series         | <u>75757</u>                                      |
| Application    | Power, Wire-to-Board                              |
| Overview       | <u>MX150 Sealed and Unsealed Connector System</u> |
| Product Name   | MX150   |
| UPC            | 800756810775                                      |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 20                             |
| Circuits (maximum)             | 20                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 25                             |
| First Mate / Last Break        | No                             |
| Glow-Wire Capable              | No                             |
| Guide to Mating Part           | No                             |
| Keying to Mating Part          | None                           |
| Lock to Mating Part            | None                           |
| Material - Metal               | Brass                          |
| Material - Plating Mating      | Tin                            |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 5.173/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PC Tail Length                 | 3.05mm                         |
| PCB Locator                    | No                             |
| PCB Retention                  | None                           |
| PCB Thickness - Recommended    | 1.57mm                         |
| Packaging Type                 | Tube                           |
| Pitch - Mating Interface       | 3.50mm                         |
| Pitch - Termination Interface  | 3.50mm                         |
| Plating min - Mating           | 2.540µm                        |
| Polarized to Mating Part       | No                             |
| Polarized to PCB               | No                             |
| Shrouded                       | No                             |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -40° to +125°C                 |
| Termination Interface: Style   | Through Hole                   |

**Electrical**

|                               |         |
|-------------------------------|---------|
| Current - Maximum per Contact | 17.0A   |
| Voltage - Maximum             | 500V DC |



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[75757](#) Series

**Mates With**

[33472](#) Dual Row MX150 Receptacles

**Solder Process Data**

|  |      |
|--|------|
| Duration at Max. Process Temperature (seconds) | 005  |
| Lead-free Process Capability                   | WAVE |
| Max. Cycles at Max. Process Temperature        | 001  |
| Process Temperature max. C                     | 245  |

**Material Info****Reference - Drawing Numbers**

|                         |   |
|-------------------------|---|
| Packaging Specification | PK-36518-340-001  |
| Product Specification   | PS-75757-000-001  |
| Sales Drawing           | SD-75757-002-001, SD-75757-003-001,<br>SD-75757-010-001 |

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