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Part Number:

0759001362

Status:

Active

Overview:

MX150™ Unshrouded Header

Description:

MX150 Dual Row Header, Right-Angle, 12 Circuits, 1.25µm Nickel (Ni) Overall, 2.50µm Minimum Select Matte Tin (Sn) Plating on Tail, 0.75µm Minimum Select Gold (Au) Contact Area, 4.75mm PC Tail Length, Mating Pin Length 12.15mm

- Documents:
- 3D Model

Drawing (PDF)

Product Specification PS-75757-000 (PDF)

Product Specification PS-75757-000-001 (PDF)

Application Specification AS-75900-206 (PDF)

Packaging Specification PK-36518-351 (PDF)

Packaging Specification PK-75900-0001 (PDF)

Packaging Specification PK-75900-003 (PDF)

RoHS Certificate of Compliance (PDF)

| General                        |                                |
|--------------------------------|--------------------------------|
| Product Family                 | PCB Headers                    |
| Series                         | 75900                          |
| 3D Viewer                      | Yes                            |
| Application                    | Power, Wire-to-Board           |
| CURRENT-MAX-NUMERIC            | 17.0                           |
| Overview                       | MX150™ Unshrouded Header       |
| PITCH-MATING-NUMERIC           | 3.50                           |
| Product Name                   | MX150                          |
| UPC                            | 800756906911                   |
| Physical                       |                                |
| Breakaway                      | No                             |
| Circuits (Loaded)              | 12                             |
| Circuits (maximum)             | 12                             |
| 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      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 4.893/g                        |
| Number of Rows                 | 2                              |
| Orientation                    | Right Angle                    |
| PC Tail Length                 | 4.75mm                         |
| PCB Locator                    | No                             |
| PCB Retention                  | None                           |
| PCB Thickness - Recommended    | 2.36mm                         |
| 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                   |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -

ED/71/2019 (16 July

2019)

Halogen-Free

Status

Low-Halogen

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

- Search Parts in this Series

75900 Series
- Mates With

33472 Dual Row MX150 Receptacles
- Use With

33472 MX150 Receptacles Dual Row Housings

**Electrical**

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

**Solder Process Data**

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

**Material Info**

**Reference - Drawing Numbers**

|                           |                                           |
|---------------------------|-------------------------------------------|
| Application Specification | AS-75900-206                              |
| Packaging Specification   | PK-36518-351, PK-75900-0001, PK-75900-003 |
| Product Specification     | PS-75757-000, PS-75757-000-001            |
| Sales Drawing             | SD-75900-001-001                          |

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