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Part Number:

0759001282

Status:

Active

Overview:

MX150™ Unshrouded Header

Description:

MX150 Dual Row Header, Right-Angle, 16 Circuits, 1.25µm Nickel (Ni) Overall, 2.50µm Minimum Select Matte Tin (Sn) Plating on Tail, 0.05µm 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-75900-208 (PDF)

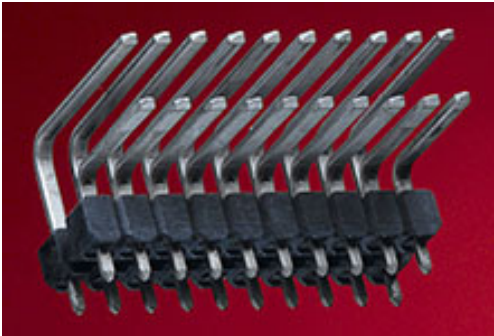
Packaging Specification PK-36518-351 (PDF)

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                            | 800756906942                   |
| Physical                       |                                |
| Breakaway                      | No                             |
| Circuits (Loaded)              | 16                             |
| Circuits (maximum)             | 16                             |
| 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                     | 6.033/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

ELV

RoHS Phthalates

Green Image

Not Relevant

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-75900-208                              |
| 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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