

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0757570243

Status:

Active

Overview:

MX150™ Unshrouded Header

Description:

MX150 Single Row Header, Vertical, 4 Circuits, 1.25µm Nickel (Ni) Overall, 2.50µm Minimum Select Matte Tin (Sn) Plating on Tail, 0.05µm Minimum Select Gold (Au) Contact Area, 16.09mm Mating Pin Length, 3.05m

Documents:

3D Model

Drawing (PDF)

Product Specification PS-75757-000 (PDF)

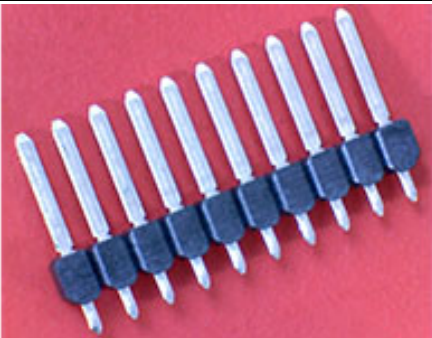
Product Specification PS-75757-000-001 (PDF)

Packaging Specification PK-36518-342 (PDF)

Packaging Specification PK-75757-007 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                |
|--------------------------------|--------------------------------|
| General                        |                                |
| Product Family                 | PCB Headers                    |
| Series                         | 75757                          |
| 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                            | 884982698758                   |
| Physical                       |                                |
| Breakaway                      | No                             |
| Circuits (Loaded)              | 4                              |
| Circuits (maximum)             | 4                              |
| 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                     | 1.109/g                        |
| Number of Rows                 | 1                              |
| 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           | 0.051µm                        |
| 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

75757 Series

Mates With

33471 Single Row MX150 Receptacles

**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**

|                         |                                |
|-------------------------|--------------------------------|
| Packaging Specification | PK-36518-342, PK-75757-007     |
| Product Specification   | PS-75757-000, PS-75757-000-001 |
| Sales Drawing           | AS-75900-104, SD-75757-010-001 |

This document was generated on 09/25/2019

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**