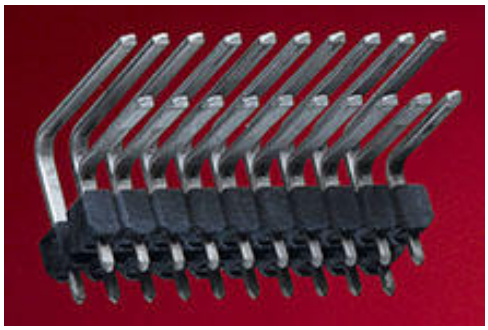
molex



**Part Number :** 759001101
**Product Description :** MX150 Dual Row Header, Right-Angle, 20 Circuits, 1.25µm Nickel (Ni) Overall, 2.50µm Minimum Select Matte Tin (Sn) Plating Overall, 3.05mm PC  Tail Length, Mating Pin Length 12.15mm
**Series Number :** 75900
**Status :** Active
**Product Category :** PCB Headers and Receptacles

## Documents & Resources

### Drawings

759001101_sd.pdf

PK-36518-351-001.pdf

PK-75900-0001-001.pdf

PK-75900-003-001.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

### Specifications

PS-75757-000-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Compliant with Exemption 33; 44 |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)4165-DC (25 June 2025) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 75900 |
| Description | MX150 Dual Row Header, Right-Angle, 20 Circuits, 1.25µm Nickel (Ni) Overall, 2.50µm Minimum Select Matte Tin (Sn) Plating Overall, 3.05mm PC Tail Length, Mating Pin Length 12.15mm |
| Application | Power, Wire-to-Board, Automotive |
| Component Type | PCB Header |
| Product Name | MX150 |
| UPC | 800756906706 |

### Electrical

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

### 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 | 6.973/g |
| Number of Rows | 2 |
| Orientation | Right Angle |
| Packaging Type | Tube |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.57mm |
| PC Tail Length | 3.05mm |
| Pitch - Mating Interface | 3.50mm |
| Pitch - Termination Interface | 3.50mm |
| Plating min - Mating | 1.270µm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Shrouded | No |
| Temperature Range - Operating | -40° to +125°C |
| Termination Interface Style | Through Hole |

**Solder Process Data**

| | |
|---|---|
| Max-Duration | 5 |
| Lead-Free Process Capability | WAVE |
| Max-Cycle | 1 |
| Max-Temp | 245 |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
| --- | --- |
| MX150 Mat-Sealed Dual Row Female Connector Assemblies | 33472 |