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Part Number: [75757-1401](#)
Status: **Active**
Overview: MX150™ Unshrouded Breakaway Header
Description: 3.50mm Pitch, MX150™ Header, Breakaway, Vertical, 20 Circuits, 1.5µm Tin (Sn) Plating, 11.20mm Mating Pin Length, 3.05mm PC Tail Length

Documents:

| | |
|--|--|
| 3D Model | Test Summary TS-75757-001 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-75757-000 (PDF) | |

General

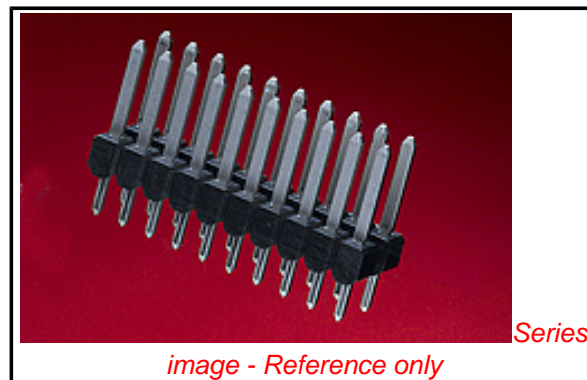
| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 75757 |
| Application | Power, Wire-to-Board |
| Comments | 3.50 x 6.00mm dual row grid |
| Overview | MX150™ Unshrouded Breakaway Header |
| Product Name | MX150™ |
| UPC | 822350411875 |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | Yes |
| Circuits (Loaded) | 20 |
| Circuits (maximum) | 20 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| First Mate / Last Break | No |
| Glow-Wire Compliant | 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 | 4.673/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| PC Tail Length | 3.05mm |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Tube |
| Pitch - Mating Interface | 3.50mm |
| Pitch - Termination Interface | 3.50mm |
| Plating min - Mating | 1.524µm |
| Polarized to Mating Part | No |
| Polarized to PCB | No |
| Shrouded | No |
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | -40°C to +125°C |
| Termination Interface: Style | Through Hole |

Electrical

| | |
|-------------------------------|---------|
| Current - Maximum per Contact | 16A |
| Voltage - Maximum | 500V DC |



EU RoHS

ELV and RoHS Compliant

REACH SVHC Contains SVHC: No Low-Halogen Status Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[75757Series](#)

Mates With

[33471](#) Single Row MX150™ Receptacles,
[33472](#) Dual Row MX150™ Receptacles

Solder Process Data

| | |
|--|------------------------------|
| Duration at Max. Process Temperature (seconds) | 5 |
| Lead-free Process Capability | SMC & Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature | 1 |
| Process Temperature max. C | 235 |

Material Info**Reference - Drawing Numbers**

| | |
|-----------------------|----------------------------|
| Product Specification | PS-75757-000 |
| Sales Drawing | AS-75757-210, SD-75757-002 |
| Test Summary | TS-75757-001 |

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