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Part Number:

75757-6431

Status:

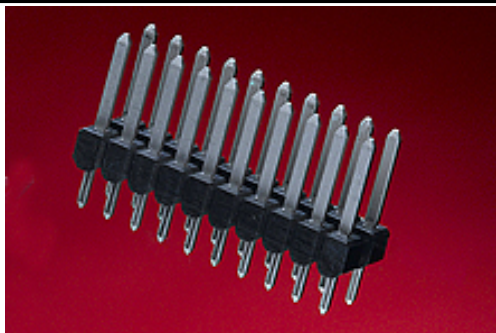
Active

Overview:

MX150™ Unshrouded Breakaway Header

Description:

MX150™ Header, Breakaway, Vertical, 6 Circuits, 1.5µm Tin (Sn) Plating, 27.77mm Mating Pin Length, 3.05mm PC Tail Length



Series

image - Reference only

Documents:

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

General

|                |                                    |
|----------------|------------------------------------|
| Product Family | PCB Headers                        |
| Series         | 75757                              |
| Application    | Power, Wire-to-Board               |
| Overview       | MX150™ Unshrouded Breakaway Header |
| Product Name   | MX150™                             |
| UPC            | 883906570644                       |

Physical

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | Yes                            |
| Circuits (Loaded)              | 6                              |
| Circuits (maximum)             | 6                              |
| 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                     | 2.502/g                        |
| Number of Rows                 | 2                              |
| 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           | 1.270µm                        |
| 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](mailto: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                   | Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature        | 1                      |
| Process Temperature max. C                     | 245                    |

**Material Info**

**Reference - Drawing Numbers**

|                       |                            |
|-----------------------|----------------------------|
| Product Specification | PS-75757-000               |
| Sales Drawing         | AS-75757-203, SD-75757-002 |
| Test Summary          | TS-75757-001               |

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