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Part Number: [75757-6431](#)
Status: **Active**
Overview: MX150™ Unshrouded Breakaway Header
Description: 3.50mm Pitch, MX150™ Header, Breakaway, Vertical, 6 Circuits, 1.5µm Tin (Sn) Plating, 27.77mm 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

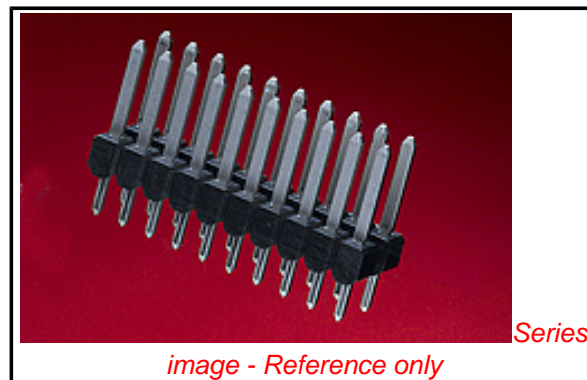
Product Family	PCB Headers
Series	75757
Application	Power, Wire-to-Board
Overview	MX150™ Unshrouded Breakaway Header
Product Name	MX150™
UPC	883906570644

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



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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	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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