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**Part Number:** [75757-6131](#)  
**Status:** **Active**  
**Overview:** MX150™ Unshrouded Breakaway Header  
**Description:** 3.50mm Pitch, MX150™ Header, Breakaway, Vertical, 6 Circuits, 2.5µm 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**

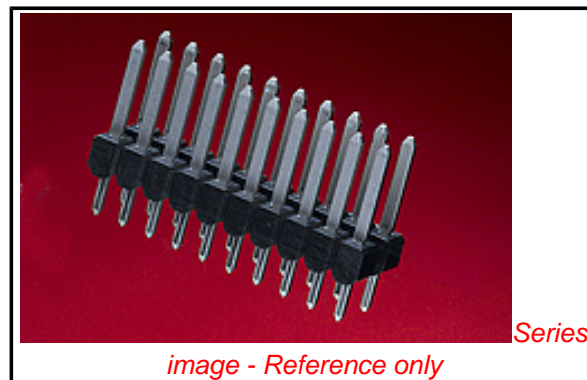
Product Family	PCB Headers
Series	<a href="#">75757</a>
Application	Power, Wire-to-Board
Overview	<a href="#">MX150™ Unshrouded Breakaway Header</a>
Product Name	MX150™
UPC	883906570613

**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	2.540µm
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](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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