

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [75900-1362](#)  
**Status:** **Active**  
**Overview:** MX150™ Unshrouded Breakaway Header  
**Description:** 3.50mm Pitch, MX150™ Dual Row Header, Breakaway, Right Angle, 12 Circuits, 1.25µm Nickel (Ni) Overall, 2.50µm Minimum Select Matte Tin (Sn) Plating on Tail, 0.75µm Minimum Select Gold (Au) Contact Area, 4.75mm PC Tail Length, Mating Pin Length 12.15mm

**Documents:**

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

**General**

Product Family	PCB Headers
Series	<a href="#">75900</a>
Application	Power, Wire-to-Board
Overview	<u>MX150™ Unshrouded Breakaway Header</u>
Product Name	MX150™

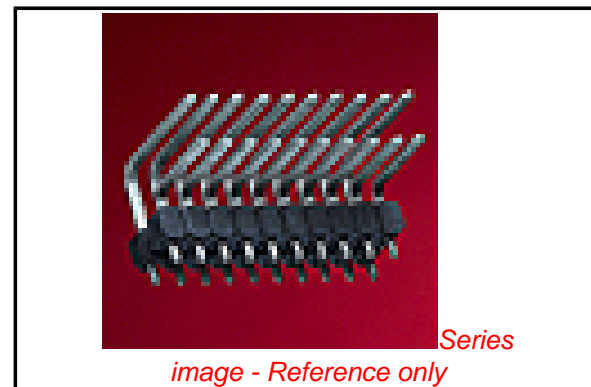
**Physical**

Breakaway	Yes
Circuits (Loaded)	12
Circuits (maximum)	12
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	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Right Angle
PC Tail Length	4.75mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	2.36mm
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

**Solder Process Data**



**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**

[75900Series](#)

**Mates With**

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

**Use With**

MX150™ Receptacles Dual Row Housings  
[33472](#)

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**

UPC	800756906911
-----	--------------

**Reference - Drawing Numbers**

Product Specification	PS-75757-000
Sales Drawing	AS-75900-206, SD-75900-001

This document was generated on 07/12/2012

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**