

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

75900-0431

Status:

Active

Overview:

MX150™ Unshrouded Breakaway Header

Description:

3.50mm Pitch, MX150™ Header, Breakaway, Right Angle, 3 Circuits, 1.25µm Nickel (Ni) Overall, 1.50µm Minimum Select Matte Tin (Sn) Plating Overall, 3.05mm PC Tail Length, Mating Pin Length 12.15mm

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Headers
Series	75900
Application	Power, Wire-to-Board
Overview	MX150™ Unshrouded Breakaway Header
Product Name	MX150™
UPC	884982669444
Physical	
Breakaway	Yes
Circuits (Loaded)	3
Circuits (maximum)	3
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	0.891/g
Number of Rows	1
Orientation	Right Angle
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

Solder Process Data



image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen



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

75900Series

Mates With

33471 Single Row MX150™ Receptacles,
33472 Dual Row MX150™ Receptacles

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

Sales Drawing	AS-75900-103, SD-75900-0001, SD-75900-002
---------------	---

This document was generated on 06/26/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION