

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0313874009

Status:

Active

Overview:

MX123 Sealed Connection System

Description:

2.54mm Pitch, MX123 Header, 80 Circuits Shrouded Assembly, (80) 0.64mm Square Signal Pins, Harness Side Key Code H, Gray (Au Mate Side Finish)

Documents:

3D Model	Product Specification TS-34566-002-001 (PDF)
Drawing (PDF)	Application Specification AS-31386-200-001 (PDF)
Product Specification PS-31387-200-001 (PDF)	Packaging Specification PK-31301-916 (PDF)
Product Specification PS-34566-0000-001 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	31387
Application	Power, Wire-to-Board
Overview	MX123 Sealed Connection System
Product Name	MX123
UPC	822348860678

Physical

Breakaway	No
Circuits (Loaded)	80
Circuits (maximum)	80
Color - Resin	Gray
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon Alloy
Net Weight	23.260/g
Number of Rows	4
Orientation	Vertical
PC Tail Length	6.50mm
PCB Locator	No
PCB Retention	None
Packaging Type	Carton
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Yes
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +125°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	11.0A
Voltage - Maximum	500V

Solder Process Data

Lead-freeProcess Capability	N/A
-----------------------------	-----



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Not Relevant

Need more information on product
environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS	Not Relevant
ELV	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series

[31387](#) Series

Mates With

MX123 Female Harness Connector
Assembly [34566](#)

Use With

[33467](#) MX64 Female Terminals Au

Material Info

Reference - Drawing Numbers

Application Specification	AS-31386-200-001
Packaging Specification	PK-31301-916
Product Specification	PS-31387-200-001, PS-34566-0000-001, TS-34566-002-001
Sales Drawing	SD-31387-080-000, SD-31387-173-000

This document was generated on 02/28/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[31387-4009](#)