

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [31387-4001](#)
Status: **Active**
Overview: MX123™ Sealed Connection System
Description: 2.54mm Pitch, MX123™ Female Header, 80 Circuits Shrouded Assembly, 0.64mm Square Pins, Harness Side Key Code G, Blue

Documents:

3D Model	Product Specification PS-34566-0000 (PDF)
Drawing (PDF)	Application Specification AS-31386-200 (PDF)
Product Specification PS-31387-200 (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	800756748436

Physical

Breakaway	No
Circuits (Loaded)	80
Circuits (maximum)	80
Color - Resin	Blue
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
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
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	11A
Voltage - Maximum	500V

Material Info

Reference - Drawing Numbers

Application Specification	AS-31386-200
---------------------------	--------------



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



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

31387Series

Mates With

MX123™ Female Receptacle Housing
 34566 , 34576

Use With

33467 MX64 Female Terminals

This document was generated on 06/03/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION