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Part Number: [31387-2002](#)
Status: **Active**
Overview: [MX123™ Sealed Connection System](#)
Description: 2.54mm Pitch, MX123™ Header, 73 Circuits Shrouded Assembly, Qty(72) 0.64mm Square Signal Pins + Qty(1) 2.8mm Power Blade, Harness Side Key Code B, Gray (Au Mate Side Finish)

Documents:

3D Model	Application Specification AS-31386-200 (PDF)
Drawing (PDF)	Test Summary TS-31387-1658 (PDF)
Product Specification PS-31387-200 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-34566-0000 (PDF)	

General

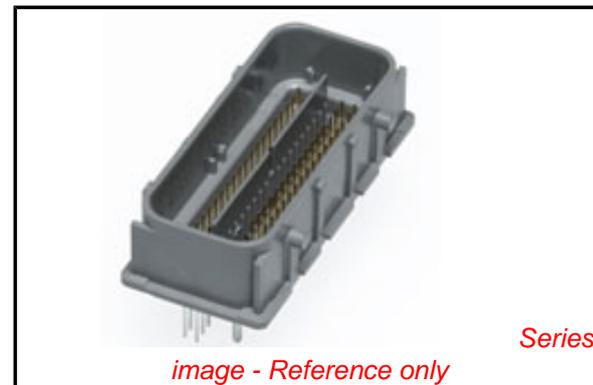
Product Family	PCB Headers
Series	31387
Application	Power, Wire-to-Board
Overview	MX123™ Sealed Connection System
Product Name	MX123
UPC	822348860647

Physical

Breakaway	No
Circuits (Loaded)	73
Circuits (maximum)	73
Color - Resin	Gray
First Mate / Last Break	No
Glow-Wire Compliant	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	22.610/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	11A
Voltage - Maximum	500V



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Not Reviewed

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 Harness Connector Assembly 34566](#)

Use With

[33467 MX64 Female Terminals Au](#)

Material Info

Reference - Drawing Numbers

Application Specification	AS-31386-200
Product Specification	PS-31387-200, PS-34566-0000
Sales Drawing	SD-31387-073, SD-31387-173
Test Summary	TS-31387-1658

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