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Part Number: [0313872002](#)
Status: **Active**
Overview: MX123™ Sealed Connection System
Description: 2.54mm Pitch, MX123™ Header, 73 Circuits Shrouded Assembly, (72) 0.64mm Square Signal Pins + (1) 2.8mm Power Blade, Harness Side Key Code B, 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	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	11.0A
Voltage - Maximum	500V

Solder Process Data



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

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

Lead-freeProcess Capability

N/A

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-31387-073, SD-31387-173

This document was generated on 08/29/2017

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