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Part Number: [0313878003](#)
Status: **Active**
Overview: [MX123 Sealed Connection System](#)
Description: 2.54mm Pitch, MX123 Header, 66 Circuits Shrouded Assembly, Qty(64) 0.64mm Square Signal Pins + Qty(2) 2.8mm Power Blades, Harness Side Key Code C, Blue (Au Mate Side Finish)

Documents:	
3D Model	Application Specification AS-31386-200-001 (PDF)
Drawing (PDF)	Packaging Specification PK-31301-916-001 (PDF)
3D Model (PDF)	Test Summary TS-31387-1658-001 (PDF)
Product Specification PS-31387-200-001 (PDF)	Datasheet (PDF)
Product Specification PS-34566-0000-001 (PDF)	RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Headers
Series	31387
Application	Automotive, Power, Wire-to-Board
Overview	MX123 Sealed Connection System
Product Name	MX123
UPC	887191393438

Physical	
Breakaway	No
Circuits (Loaded)	66
Circuits (maximum)	66
Color - Resin	Blue
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 - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	23.201/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° 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	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2021)4569-DC (8 July 2021)	
Halogen-Free	
Status	
Not Relevant	
For more information, please visit Contact US	
China ROHS	Not Relevant
ELV	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series
[31387 Series](#)

Mates With
MX123 Female Harness Connector Assembly [34822](#)

Use With
[33467 MX64 Female Terminals Au](#)

Material Info

Reference - Drawing Numbers

Application Specification	AS-31386-200-001
Packaging Specification	PK-31301-916-001
Product Specification	PS-31387-200-001, PS-34566-0000-001
Sales Drawing	SD-31387-066-000, SD-31387-173-000
Test Summary	TS-31387-1658-001

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