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Part Number: [0313862020](#)
Status: **Active**
Overview: [MX123 Sealed Connection System](#)
Description: 2.54mm Pitch, MX123 Header, 56 Circuits Shrouded Assembly, Qty(56) 0.64mm Square Signal Pins, Harness Side Key Code G, Blue (Ag Mate Side Finish)

Documents:

3D Model	Packaging Specification PK-31301-916-001 (PDF)
Drawing (PDF)	Test Summary TS-31386-1719-001 (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification PS-31386-200-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-31386-200-001 (PDF)	

General

Product Family	PCB Headers
Series	31386
Application	Automotive, Power, Wire-to-Board
Overview	MX123 Sealed Connection System
Product Name	MX123
UPC	884982908888

Physical

Breakaway	No
Circuits (Loaded)	56
Circuits (maximum)	56
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	Silver
Material - Plating Termination	Tin
Net Weight	18.090/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
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Material Info

EU ELV
Compliant

EU RoHS
Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Missing Compliance
Data

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series

[31386](#) Series

Mates With

[MX123 Female Harness Connector Assembly 34576](#)

Use With

[34736 MX64 Female Terminals Ag](#)

Reference - Drawing Numbers

Application Specification	AS-31386-200-001
Packaging Specification	PK-31301-916-001
Product Specification	PS-31386-200-001
Sales Drawing	SD-31386-056-000, SD-31386-156-000
Test Summary	TS-31386-1719-001

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