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Part Number: [0313872034](#)
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 A, Black (Ag Mate Side Finish)

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

General
Product Family PCB Headers
Series [31387](#)
Application Automotive, Power, Wire-to-Board
Overview [MX123 Sealed Connection System](#)
Product Name MX123
UPC 884982908864

Physical
Breakaway No
Circuits (Loaded) 73
Circuits (maximum) 73
Color - Resin Black
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 23.220/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(2020)9139-DC (19
Jan 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 [34566](#)

Use With
[34736](#) MX64 Female Terminals Ag

Material Info

Reference - Drawing Numbers

Application Specification	AS-31386-200-001
Packaging Specification	PK-31301-916-001
Product Specification	PS-31387-200-001
Sales Drawing	SD-31387-073-000, SD-31387-173-000
Test Summary	TS-31387-1658-001

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