

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0313878001

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 A, Black (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-34566-002-001 (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
Component Type	PCB Header
Overview	MX123 Sealed Connection System
Product Name	MX123
Taxonomy	PCB Headers and Receptacles
UPC	887191393421

Physical	
Breakaway	No
Circuits (Loaded)	66
Circuits (maximum)	66
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	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



Series image - Reference only

EU ELV Compliant	
EU RoHS Compliant	China RoHS
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
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

Solder Process Data

Lead-freeProcess CapabilityN/A

Material Info

Reference - Drawing Numbers

Application SpecificationAS-31386-200-001
Packaging SpecificationPK-31301-916-001
Product SpecificationPS-31387-200-001, PS-34566-0000-001
Sales DrawingSD-31387-066-000, SD-31387-173-000
Test SummaryTS-34566-002-001

This document was generated on 01/04/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION