



Part Number : [313878001](#)

Product 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)

Series Number : 31387

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[313878001_sd.pdf](#)

[PK-31301-916-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

Specifications

[AS-31386-200-001.pdf](#)

[PS-31387-200-001.pdf](#)

[TS-34566-002-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 33; 44; 34
China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Relevant
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)

EU RoHS

Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of ComplianceAdditional Product Compliance Information**Part Details****General**

Status	Active
Category	PCB Headers and Receptacles
Series	31387
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)
Application	Automotive, Power, Wire-to-Board
Component Type	PCB Header
Product Name	MX123
UPC	887191393421

Electrical

Current - Maximum per Contact	11.0A
Voltage - Maximum	500V

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
Packaging Type	Carton
PCB Locator	No
PCB Retention	None
PC Tail Length	6.50mm
Pitch - Mating Interface	2.54mm
Pitch - Termination Interface	2.54mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Yes
Stackable	No
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Through Hole

Solder Process Data

Lead-Free Process Capability	N/A
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Mates With / Use With

Mates with Part(s)

Description	Part Number
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MX123 Receptacle Housings	<u>34822</u>
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Use with Part(s)

Description	Part Number
MX64 Female Terminals	<u>33467</u>

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