



**Part Number :** [313878006](#)

**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 C, Blue (Ag Mate Side Finish)

**Series Number :** 31387

**Status :** Active

**Product Category :** PCB Headers and Receptacles



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## Documents & Resources

### Drawings

[Drawing 313878006\\_sd.pdf](#)

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

### 3D Models and Design Files

[3D Model 313878006\\_stp.zip](#)

### Specifications

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

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

[Product Specification PS-34566-0000-001.pdf](#)

[Test Summary TS-31387-1658-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Duty-To-Declare
China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Relevant
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

### [Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC

- Low-Halogen

### Multiple Part Industry Compliance Documents

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

### EU RoHS Certificate of Compliance

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## 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 C, Blue (Ag Mate Side Finish)
Application	Automotive, Power, Wire-to-Board
Component Type	PCB Header
Product Family	MX123 Sealed Connection System
Product Name	MX123
UPC	884982914650

### Electrical

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

### 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	Silver
Material - Plating Termination	Tin
Net Weight	23.335/g
Number of Rows	4
Orientation	Vertical
Packaging Type	Carton
PC Tail Length	6.50mm
PCB Locator	No
PCB Retention	None
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
MX123 Receptacle Housings	<u>34822</u>

##### Use with Part(s)

Description	Part Number
MX64 Female Terminals	<u>34736</u>

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