



Part Number : [757571461](#)

Product Description : MX150 Dual Row Header, Vertical, 12 Circuits, 1.5µm Tin (Sn) Plating, 11.20mm Mating Pin Length, 3.05mm PC Tail Length

Series Number : 75757

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

[Drawing 757571461_sd.pdf](#)

[Packaging Design Drawing PK-36518-340-001.pdf](#)

3D Models and Design Files


[3D Model 757571461_stp.zip](#)

Specifications

[Product Specification PS-75757-000-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Duty-To-Declare
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
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

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	75757
Description	MX150 Dual Row Header, Vertical, 12 Circuits, 1.5µm Tin (Sn) Plating, 11.20mm Mating Pin Length, 3.05mm PC Tail Length
Application	Power, Wire-to-Board, Automotive
Comments	3.50 x 6.00mm dual row grid
Component Type	PCB Header
Product Family	MX150 Sealed and Unsealed Connector System
Product Name	MX150
UPC	822350702454

Electrical

Current - Maximum per Contact	17.0A
Voltage - Maximum	500V DC

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None

Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.393/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tube
PC Tail Length	3.05mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.57mm
Pitch - Mating Interface	3.50mm
Pitch - Termination Interface	3.50mm
Plating min - Mating	1.524µm
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	No
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	15
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	1
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
MX150 Mat-Sealed Dual Row Female Connector Assemblies	<u>33472</u>

This document was generated on Jul 30, 2024