Part Number : 367831201
Product Description : MX120G Sealed Header Connector Assembly, 12 Circuit, Color Mark Identification Black
Series Number : 36783
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

367831201_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

AS-36783-001-001.pdf

PS-36783-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
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 Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	36783
Description	MX120G Sealed Header Connector Assembly, 12 Circuit, Color Mark Identification Black
Application	Wire-to-Board
Component Type	PCB Header
Product Name	MX120G
UPC	887191147673

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	10.5A
Voltage - Maximum	28V DC

Physical

Breakaway	No
Circuits (Loaded)	12

Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	10
First Mate / Last Break	No
Flammability	94HB
Glow-Wire Capable	No
Guide to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	8.357/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Carton
PCB Thickness - Recommended	1.60mm
PC Tail Length	3.20mm
Pitch - Mating Interface	3.20mm
Pitch - Termination Interface	3.50mm
Plating min - Termination	1.000µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	12p - 0s
Robotic Placement	None
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Lead-Free Process Capability	WAVE

Mates With / Use With

Mates with Part(s)

Description	Part Number

MX120G Pitch Sealed Female Connector Assembly, Dual Row 12 Circuit, Black	367921201