

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0367831206

Status:

Active

Overview:

MX120G Sealed Connectors

Description:

MX120G Sealed Header Connector Assembly, 12 Circuit, Color Mark Identification Blue

Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

Product Specification PS-36783-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	36783
Application	Wire-to-Board
Overview	MX120G Sealed Connectors
Product Name	MX120G
UPC	884982894150

Physical

(p)ower-(s)ignal Configuration	12p - 0s
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	8.749/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	3.20mm
PCB Thickness - Recommended	1.60mm
Packaging Type	Carton
Pitch - Mating Interface	3.20mm
Pitch - Termination Interface	3.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	None
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

36783 Series

Mates With

367921201 3.20mm MX120G Pitch Sealed
Female Connector Assembly

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Process Temperature max. C	245

Material Info

Reference - Drawing Numbers

Product Specification	PS-36783-001-001
Sales Drawing	SD-36783-004-001

This document was generated on 01/24/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[36783-1206](#)