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Part Number: [0367831202](#)
Status: **Active**
Overview: [MX120G Sealed Connectors](#)
Description: MX120G Sealed Header Connector Assembly, 12 Circuit, Color Mark Identification Brown

Documents:
[3D Model](#) [Product Specification PS-36783-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [36783](#)
3D Viewer Yes
Application Wire-to-Board
CURRENT-MAX-NUMERIC 10.5
Overview [MX120G Sealed Connectors](#)
PITCH-MATING-NUMERIC 3.20
Product Name MX120G
UPC 884982893726

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

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

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

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

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