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Part Number: [0367831208](#)
Status: **Active**
Overview: [MX120G Sealed Connectors](#)
Description: MX120G Sealed Header Connector Assembly, 12 Circuit, Color Mark Identification White

Documents:

[3D Model](#) [Product Specification PS-36783-001-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Application Specification AS-36783-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [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 884982894174

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
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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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-free Process Capability	WAVE
Process Temperature max. C	245

Material Info**Reference - Drawing Numbers**

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

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