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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)
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	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



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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