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Part Number:

0367831203

Status:

Active

Overview:

MX120G Sealed Connectors

Description:

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

Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

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

Application Specification AS-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	884982894129

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

Solder Process Data



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China 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	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

Duration at Max. Process Temperature (seconds)005

Lead-freeProcess CapabilityWAVE

Process Temperature max. C245

Material Info

Reference - Drawing Numbers

Application SpecificationAS-36783-001-001

Product SpecificationPS-36783-001-001

Sales DrawingSD-36783-004-001

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