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Part Number: 36783-1203
Status: Active
Overview: MX120G&#153 Sealed Connectors
Description: MX120G™ Sealed Header Connector Assembly, 12 Circuit, Color Mark Identification Red

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



Series image - Reference only

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	36783
Application	Wire-to-Board
Overview	MX120G&#153 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 Compliant	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°C to +105°C
Termination Interface: Style	Through Hole

Electrical

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

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Low-Halogen Status
Not Reviewed

China RoHS

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
36783Series

Mates With
36792-1201 3.20mm MX120G™ Pitch Sealed Female Connector Assembly

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Process Temperature max. C	245

Material Info

Reference - Drawing Numbers

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

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