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Part Number: [36783-1203](#)
Status: **Active**
Overview: [MX120G™ Sealed Connectors](#)
Description: MX120G™ Sealed Header Connector Assembly, 12 Circuit, Color Mark Identification Red

Documents:
[3D Model](#) [Product Specification PS-36783-001 \(PDF\)](#)
[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 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



Series

image - Reference only

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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