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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



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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