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**Part Number:** [36783-1202](#)  
**Status:** **Active**  
**Overview:** [MX120G&#153 Sealed Connectors](#)  
**Description:** MX120G™ Sealed Header Connector Assembly, 12 Circuit, Color Mark Identification Brown

**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&#153 Sealed Connectors](#)  
 Product Name MX120G™  
 UPC 884982893726

**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](mailto: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

This document was generated on 07/24/2014

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