

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **36783-1208**  
**Status:** **Active**  
**Overview:** MX120G&#153 Sealed Connectors  
**Description:** MX120G™ Sealed Header Connector Assembly, 12 Circuit, Color Mark Identification White

**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 884982894174

**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**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Not Reviewed**



**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**  
367921201 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 10/24/2013

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**