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**Part Number:** [0367831202](#)  
**Status:** **Active**  
**Overview:** [MX120G Sealed Connectors](#)  
**Description:** MX120G Sealed Header Connector Assembly, 12 Circuit, Color Mark Identification Brown

**Documents:**

[3D Model](#) [Product Specification PS-36783-001-001 \(PDF\)](#)  
[3D Model \(PDF\)](#) [Application Specification AS-36783-001-001 \(PDF\)](#)  
[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 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 Capable 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° to +105°C  
 Termination Interface: Style Through Hole

**Electrical**

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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**  
**REACH SVHC**

Not Contained Per -  
 D(2021)4569-DC (8  
 July 2021)

**Halogen-Free**  
**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[36783](#) Series

**Mates With**

[367921201](#) 3.20mm MX120G Pitch Sealed  
 Female Connector Assembly

**Solder Process Data**

|  |      |
|--|------|
| Duration at Max. Process Temperature (seconds) | 005  |
| Lead-free Process Capability                   | WAVE |
| Process Temperature max. C                     | 245  |

**Material Info****Reference - Drawing Numbers**

|                           |                  |
|---------------------------|------------------|
| Application Specification | AS-36783-001-001 |
| Product Specification     | PS-36783-001-001 |
| Sales Drawing             | SD-36783-004-001 |

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