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**Part Number:** [0367831201](#)  
**Status:** **Active**  
**Overview:** [MX120G Sealed Connectors](#)  
**Description:** MX120G Sealed Header Connector Assembly, 12 Circuit, Color Mark Identification Black

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-36783-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-36783-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">36783</a>
Application	Wire-to-Board
Component Type	PCB Header
Overview	<a href="#">MX120G Sealed Connectors</a>
Product Name	MX120G
Taxonomy	PCB Headers and Receptacles
UPC	887191147673

**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	8.357/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**



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**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

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

**Solder Process Data**

Lead-free Process Capability	WAVE
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**Material Info**

**Reference - Drawing Numbers**

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

This document was generated on 01/04/2023

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