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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:

| | |
|--------------------------------|------------------------------------------------------------------|
| 3D Model | Product Specification PS-36783-001-001 (PDF) |
| Drawing (PDF) | Application Specification AS-36783-001-001 (PDF) |
| 3D Model (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 | 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

| | |
|-------------------------------|--------|
| 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

Lead-freeProcess Capability

WAVE

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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