

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0367831205

Status:

Active

Overview:

MX120G Sealed Connectors

Description:

MX120G Sealed Header Connector Assembly, 12 Circuit, Color Mark Identification Grey

Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

Product Specification PS-36783-001-001 (PDF)

Application Specification AS-36783-001-001 (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

884982894143

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

China RoHS

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

Green Image

ELV

Not Relevant

RoHS Phthalates

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-freeProcess 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

This document was generated on 10/05/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[36783-1205](#)