Part Number : 1600783006
Product Description : MX150 Hybrid Mat-Sealed Female Connector Assembly, Dual Row, 8 Circuits, Keying Option A, with Connector Position Assurance, Black
Series Number : 160078
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

1600783006_sd.pdf

PK-31300-903-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

1601110001-AS-000.pdf

AS-33611-001-001.pdf

1600760001-PS-000.pdf

TS-160076-2401_G-001.pdf

TS-160076-2401_U-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant
China RoHS	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Dodecamethylcyclohexasiloxane; Decamethylcyclopentasiloxane; Octamethylcyclotetrasiloxane per D(2025)7771-DC (04 Feb 2026)

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EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Connector Housings
Series	160078
Description	MX150 Hybrid Mat-Sealed Female Connector Assembly, Dual Row, 8 Circuits, Keying Option A, with Connector Position Assurance, Black
Application	Wire-to-Board, Wire-to-Wire, Automotive
Comments	With Connector Position Assurance (CPA)
Component Type	Receptacle
Product Name	MX150
UPC	889056377539

Physical

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Circuits (maximum)	8
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	22.814/g
Number of Rows	2
Packaging Type	Partitioned Carton
Panel Mount	No
Pitch - Mating Interface	3.50mm
Polarized to Mating Part	Yes
Sealed	Sealed
Stackable	No
Temperature Range - Operating	-40° to +125°C
Terminal Size	1.5, 6.35

Mates With / Use With

Mates with Part(s)

Description	Part Number
Micro Power Distribution Box	200316

Use with Part(s)

Description	Part Number
MX150 Female Terminals	33001
MX150 Female Terminals	33012
Use With	Industry Standard Terminal 2.80mm

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