



**Part Number :** [3001590009](#)

**Product Description :** MX-DaSH Mat-Sealed Male Connector Assembly, Dual Row, 10+1+1 Circuits, Keying Option A, Black, Terminal Positions 3, 8, 9, and 11 Blocked

**Series Number :** 300159

**Status :** Active

**Product Category :** Connector Housings



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## Documents and Resources

### Drawings

[3001590009 sd.pdf](#)

[PK-31300-903-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[1601110001-AS-000.pdf](#)

[1601110001-PS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant
China RoHS	Not Relevant
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)6375-DC (05 Nov 2025)
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

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## Part Details

### General

Status	Active
Category	Connector Housings
Series	300159
Description	MX-DaSH Mat-Sealed Male Connector Assembly, Dual Row, 10+1+1 Circuits, Keying Option A, Black, Terminal Positions 3, 8, 9, and 11 Blocked
Application	Power, Wire-to-Wire
Product Name	MX-DaSH
Type	Static
UPC	196823029035

### Physical

Circuits (maximum)	12
Color - Resin	Black
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes

Material - Resin	Polyamide
Net Weight	39.329/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	3.50mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
MX-DaSH Dual Row Mat-Sealed Female Connector Assemblies	<u>300158</u>

### Use with Part(s)

Description	Part Number
MX150 Male Terminal for Mat-Sealed or Unsealed Connectors, Tin Plating, 14 AWG, Right Reel Payoff	<u>330000001</u>
MX150 Male Terminal for Mat-Sealed or Unsealed Connectors, Tin Plating, 14 AWG, Left Reel Payoff	<u>330001001</u>
MX150 Male Terminal for Mat-Sealed or Unsealed Connectors, Tin Plating, 20-16 AWG, Right Reel Payoff	<u>330000002</u>
MX150 Male Terminal for Mat-Sealed or Unsealed Connectors, Tin Plating, 20-16 AWG, Left Reel Payoff	<u>330001002</u>
MX150 Male Terminal for Mat-Sealed or Unsealed Connectors, Tin Plating, Grip Code M3, Preferred Terminal for use in	<u>330000004</u>

Sealed Application with 0.35-0.50mm <sup>2</sup> , Right Reel Payoff	
MX150 Male Terminal for Mat- Sealed or Unsealed Connectors, Tin Plating, Grip Code M3, Preferred Terminal for use in Sealed Application with 0.35-0.50mm <sup>2</sup> , Left Reel Payoff	<u>330001004</u>
Use With	HFM RTK031 Plug, 2.8 Unsealed Blade Terminal

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