



Part Number : [314049171](#)

Product Description : 2.54mm MX64 Sealed Crimp Housing, Single Row, TE Generation Y Terminal, Black, 8 Circuits, Key A, with CPA Lock, Terminal 2 Plugged

Series Number : 31404

Status : Active

Product Category : Connector Housings

Engineering Number : CVP314049171



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## Documents & Resources

### Drawings

[Drawing 314049171\\_sd.pdf](#)

[Packaging Design Drawing PK-31300-256-001.pdf](#)

### 3D Models and Design Files

[3D Model 314049171\\_stp.zip](#)

### Specifications

[Application Specification 314020000-000.pdf](#)

[Application Specification AS-31402-000-001.pdf](#)

[Product Specification PS-31404-001-1X8-001.pdf](#)

[Test Summary 314040003-000.pdf](#)

[Test Summary TS-31404-001-1X8-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant
China RoHS	
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(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

## Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

## Multiple Part Industry Compliance Documents

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

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	Connector Housings
Series	31404
Description	2.54mm MX64 Sealed Crimp Housing, Single Row, TE Generation Y Terminal, Black, 8 Circuits, Key A, with CPA Lock, Terminal 2 Plugged
Application	Power, Wire-to-Board
Product Family	MX64 Sealed Connectors
Product Name	MX64
UPC	191128776523

#### Physical

Circuits (maximum)	8
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Resin	PBT
Net Weight	9.356/g
Number of Rows	1
Packaging Type	Bag

Panel Mount	No
Pitch - Mating Interface	2.54mm
Polarization	A
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° to +125°C

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Mates With	Sensors, Other USCAR Interfaces

### Use with Part(s)

Description	Part Number
MX64 Wire Dress Covers	<u>31414</u>
Use With	TE Connectivity Generation Y 0.64mm