



Part Number : [314049512](#)

Product Description : 2.54mm MX64 Sealed Crimp Housing, Single Row, TE Generation Y Terminal, Black, 8 Circuits, Key A, with CPA Lock, Terminals 5 and 6 Plugged

Series Number : 31404

Status : Active

Product Category : Connector Housings

Engineering Number : CVP314049512



Documents & Resources

Drawings

[314049512_sd.pdf](#)

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

3D Models and Design Files

[314049512_stp.zip](#)

Specifications

[314020000-000.pdf](#)

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

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

[314040003-000.pdf](#)

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

Product Environment Compliance

Compliance

| | |
|--------------------|--|
| GADSL/IMDS | Compliant |
| China RoHS | Not Relevant |
| EU ELV | Compliant per 2000/53/EC |
| Low-Halogen Status | Not Relevant |
| 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

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, Terminals 5 and 6 Plugged |
| Application | Power, Wire-to-Board |
| Product Family | MX64 Sealed Connectors |
| Product Name | MX64 |
| UPC | 191128776578 |

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 |

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 |