



**Part Number :** [314022710](#)  
**Product Description :** 2.54mm MX64 Sealed  
Single Row Crimp Housing, GET Terminal,  
Black, 2 Circuits, Key D, with CPA Lock  
**Series Number :** 31402  
**Status :** Active  
**Product Category :** Connector Housings  
**Engineering Number :** CVP-314022710



## Documents & Resources

### Drawings

[Drawing 314022710\\_sd.pdf](#)  
[Packaging Design Drawing PK-31300-256-001.pdf](#)

### 3D Models and Design Files

[3D Model 314022710\\_stp.zip](#)

### Specifications

[Application Specification 314020000-000.pdf](#)  
[Application Specification AS-31402-000-001.pdf](#)  
[Product Specification PS-31402-000-001.pdf](#)  
[Test Summary TS-31402-001-1X2-001.pdf](#)

## 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         | Not Contained per D(2023)3788-DC (14 Jun 2023)                                        |
| 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         | 31402                                                                                              |
| Description    | 2.54mm MX64 Sealed Single Row Crimp Housing, GET Terminal, Black, 2 Circuits, Key D, with CPA Lock |
| Application    | Power, Wire-to-Board                                                                               |
| Product Family | MX64 Sealed Connectors                                                                             |
| Product Name   | MX64                                                                                               |
| UPC            | 822348656660                                                                                       |

### Physical

|                       |            |
|-----------------------|------------|
| Circuits (maximum)    | 2          |
| Color - Resin         | Black      |
| Gender                | Receptacle |
| Glow-Wire Capable     | No         |
| Keying to Mating Part | Yes        |
| Lock to Mating Part   | Yes        |
| Material - Resin      | PBT        |
| Net Weight            | 4.710/g    |
| Number of Rows        | 1          |
| Packaging Type        | Bag        |
| Panel Mount           | No         |

|                               |                |
|-------------------------------|----------------|
| Pitch - Mating Interface      | 2.54mm         |
| Polarization                  | D              |
| Polarized to Mating Part      | Yes            |
| Temperature Range - Operating | -40° to +125°C |

Solder Process Data

|                              |     |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

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Mates With / Use With

Mates with Part(s)

|             |                                 |
|-------------|---------------------------------|
| Description | Part Number                     |
| Mates With  | Sensors, Other USCAR Interfaces |