



Part Number : [314032710](#)
Product Description : 2.54mm MX64 Sealed Single Row Crimp Housing, MX64 Terminal, Black, 2 Circuits, Key D, with CPA Lock
Series Number : 31403
Status : Active
Product Category : Connector Housings
Engineering Number : CVP-314032710



Documents & Resources

Drawings

[Drawing 314032710_sd.pdf](#)
[Packaging Design Drawing PK-31300-256-001.pdf](#)

3D Models and Design Files

[3D Model 314032710_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(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	31403
Description	2.54mm MX64 Sealed Single Row Crimp Housing, MX64 Terminal, Black, 2 Circuits, Key D, with CPA Lock
Application	Power, Wire-to-Board
Product Family	MX64 Sealed Connectors
Product Name	MX64
UPC	883906414238

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

Use with Part(s)

Description	Part Number
MX64 Female Terminals	<u>33467</u>
MX64 Female Terminals	<u>33468</u>