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 Part Number : CVP314049171



Documents and Resources

Drawings

314049171_sd.pdf

PK-31300-256-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

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	per SJ/T 11365-2006
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)7771-DC (04 Feb 2026)

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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

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	Wire-to-Board
Component Type	Receptacle
Product Name	MX64
UPC	191128776523

Physical

Circuits (maximum)	8
Color - Resin	Black
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	Yes

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Lock to Mating Part	Yes
Material - Resin	Polybutylene Terephthalate (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
Sealed	Sealed
Temperature Range - Operating	-40° to +125°C
Terminal Size	0.635

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	31414
Use With	TE Connectivity Generation Y 0.64mm

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