molex

Part Number : 314049553

Product Description : 2.54mm MX64 Sealed Crimp Housing, Single Row, TE Generation Y Terminal, Black, 8 Circuits, Key A, with CPA Lock, Terminals 2, 3, and 6 Plugged

Series Number : 31404

Status : Active

Product Category : Connector Housings

Engineering Number : CVP314049553

Documents & Resources

Drawings

Drawing_314049553_sd.pdf

Packaging Design Drawing_PK-31300-256-001.pdf

3D Models and Design Files

3D Model_314049553_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

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(2023)8585-DC (23 Jan 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 2, 3, and 6 Plugged
Application	Power, Wire-to-Board
Product Family	MX64 Sealed Connectors
Product Name	MX64
UPC	191128776622

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	31414
Use With	TE Connectivity Generation Y 0.64mm