molex



Part Number : 2080353043
Product Description : ConnTAK50 Header, Single Row, Vertical, Surface Mount, 4 Circuits, Key C, Blue, with Pick-and-Place Tape
Series Number : 208035
Status : Active
Product Category : PCB Headers and Receptacles

Documents and Resources

Drawings

2080353043_sd.pdf

2080353021-PK-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

2046310000-AS-000.pdf

2046310000-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Reviewed
China RoHS	Not Relevant
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Relevant
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

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- 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	PCB Headers and Receptacles
Series	208035
Description	ConnTAK50 Header, Single Row, Vertical, Surface Mount, 4 Circuits, Key C, Blue, with Pick-and-Place Tape
Application	Automotive, Power, Signal, Wire-to-Board
Component Type	PCB Header
Product Name	ConnTAK50
UPC	193264050055

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	14V AC/DC

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4

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Color - Resin	Blue
Durability (mating cycles max)	10
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Matte Tin
Material - Resin	High Temperature Nylon
Net Weight	1.100/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	No
Pitch - Mating Interface	1.80mm
Pitch - Termination Interface	1.80mm
Plating min - Mating	1.000µm
Polarized to Mating Part	Polarizing Ribs
Polarized to PCB	No
Robotic Placement	Vacuum Pick-Up Tape
Shrouded	Fully
Temperature Range - Operating	-40° to +100°C USCAR Class T2, -40° to +105°C LV-214
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
ConnTAK50 Single Row Tang Receptacles	205827

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