



Part Number : 349128041

Product Description : Mini50 Unsealed Header, Right-Angle, SMT, Single Row, 4 Circuits, Tin (Sn) Plating, Polarization Option B, Gray, Tape and Reel
Status : Active

Series Number : 34912
Product Category : PCB Headers and Receptacles

Documents & Resources


Drawings
Drawing 349128041_sd.pdf
Packaging Design Drawing PK-31301-786-001.pdf

3D Models and Design Files
3D Model 349128041_stp.zip

Specifications
Application Specification AS-34791-020-CH-001.pdf
Application Specification AS-34791-020-001.pdf
Product Specification PS-34791-020-001.pdf
Test Summary 347910020-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
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)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	PCB Headers and Receptacles
Series	34912
Description	Mini50 Unsealed Header, Right-Angle, SMT, Single Row, 4 Circuits, Tin (Sn) Plating, Polarization Option B, Gray, Tape and Reel
Application	Automotive, Power, Signal, Wire-to-Board
Component Type	PCB Header
Product Family	Mini50 Connection Systems
Product Name	Mini50
UPC	887191297231

Electrical

Current - Maximum per Contact	4.0A (for reference only)
Voltage - Maximum	14V (typical operating)

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Gray
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	Tin
Material - Plating Termination	Tin
Material - Resin	SPS
Net Weight	1.400/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Retention	Yes
Pitch - Mating Interface	2.00mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +100°C
Termination Interface Style	Surface Mount

Solder Process Data

Lead-Free Process Capability	N/A
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Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini50 Unsealed Receptacle Housings	<u>34791</u>