Part Number : 2011970401

Product Description : Spot-On Wire-to-Board Header with Nail, 2.00mm Pitch, Dual Row, Vertical, 40 Circuits, with Potting Capability, Matte Tin (Sn) Plating, Black

Series Number : 201197

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

Drawing_2011970401_sd.pdf

3D Models and Design Files

3D Model_2011970401_stp.zip

Specifications

Application Specification_2011960000-A00.pdf
Application Specification_2011960000-A01.pdf
Packaging Specification_2011979200-200.pdf
Product Specification_2011960000-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not 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	201197
Description	Spot-On Wire-to-Board Header with Nail, 2.00mm Pitch, Dual Row, Vertical, 40 Circuits, with Potting Capability, Matte Tin (Sn) Plating, Black
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	Spot-On Wire-to-Board Connector System
Product Name	Spot-On
UPC	191128251891

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Black
Durability (mating cycles max)	30
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 - Plating Termination	Matte Tin
Material - Resin	Polyamide
Net Weight	5035.990/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	1.000µm
Plating min - Termination	1.000µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	Vacuum Pick-Up Area
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
2.00mm Pitch, Spot-On Dual Row Receptacle Housings and TPA Retainers	201196