Part Number : 2016460141

Product Description : Spot-On Wire-to-Board Header with Nail, 1.50mm Pitch, Dual Row, Vertical, 14 Circuits, with Potting Capability, Matte Tin (Sn) Plating, Black

Series Number : 201646

Status : Active

Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

Drawing_2016460141_sd.pdf

3D Models and Design Files

3D Model_2016460141_stp.zip

Specifications

Application Specification_2016440000-A00.pdf
Application Specification_2016440000-A01.pdf
Packaging Specification_2016469200-200.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(2024)4144-DC (27 June 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	201646
Description	Spot-On Wire-to-Board Header with Nail, 1.50mm Pitch, Dual Row, Vertical, 14 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	889056837729

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	100V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
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	1505.000/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	1.50mm
Pitch - Termination Interface	1.50mm
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
1.50mm Pitch Spot-On Wire-to-Board Dual Row Receptacle Housings	201644

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

molex:

152670269 190690096 444280402 0190690033 152660117 152670251 190670071 190990010
447642001 0190700155 0436400901 5046940301 151660057 436803002 439151216 447641402
190730231 397730002 0436802002 459705185 759001161 152670357 190990009 398800403
430451220 760475001 151670255 417920538 430450225 447691602