



Part Number : [2012010053](#)

Product Description : Spot-On Wire-to-Board Header with Nail, 2.00mm Pitch, Single Row, Vertical, 5 Circuits, with Potting Capability, Matte Tin (Sn) Plating, Yellow

Series Number : 201201

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

[Drawing 2012010053_sd.pdf](#)

3D Models and Design Files

[3D Model 2012010053_stp.zip](#)

Specifications

[Application Specification 2011960000-A00.pdf](#)


[Application Specification 2011960000-A01.pdf](#)

[Packaging Specification 2012019200-200.pdf](#)

[Product Specification 2012000000-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(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	201201
Description	Spot-On Wire-to-Board Header with Nail, 2.00mm Pitch, Single Row, Vertical, 5 Circuits, with Potting Capability, Matte Tin (Sn) Plating, Yellow
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	Spot-On Wire-to-Board Connector System
Product Name	Spot-On
UPC	191128253215

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Yellow
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	1417.110/mg
Number of Rows	1
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 Single Row Receptacle Housings	<u>201200</u>