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Part Number: 0908140916

Status: Active

Overview: picoflex

1.27mm (.050") Pitch Picoflex® PF-50 SMT Header, Vertical, Low Profile, Surface **Description:** 

Mount, Tin, 16 Circuits, Glow Wire Compatible

**Documents:** 

Product Specification PS-99020-0011 (PDF) 3D Model Drawing (PDF) RoHS Certificate of Compliance (PDF)

**Agency Certification** 

E29179

General

Product Family **PCB** Headers Series 90814 Wire-to-Board Application Application Tooling Part Link 690081070 Low Profile SMT Comments Overview picoflex **Product Name** Picoflex®

**Physical** 

Breakaway No Circuits (Loaded) 16

Black, Natural Color - Resin

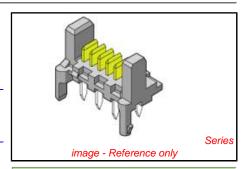
Durability (mating cycles max) 30 First Mate / Last Break Nο Flammability 94V-0 Glow-Wire Compliant Yes Guide to Mating Part No Keying to Mating Part None Lock to Mating Part Yes Material - Metal Brass Material - Plating Mating

Material - Resin High Temperature Thermoplastic

Number of Rows

Vertical Orientation **PCB** Locator Yes PCB Retention Yes PCB Thickness Recommended (in) 0.063 In PCB Thickness Recommended (mm) 1.60 mm Packaging Type Tube Pitch - Mating Interface (in) 0.050 In Pitch - Mating Interface (mm) 1.27 mm Pitch - Term. Interface (in) 0.050 In Pitch - Term. Interface (mm) 1.27 mm Plating min: Mating (µin) 120 3 120 3 Yes

Plating min: Mating (µm) Plating min: Termination (µin) Plating min: Termination (µm) Polarized to Mating Part Polarized to PCB Yes Open Ends Shrouded Stackable No Surface Mount Compatible (SMC) Yes



China RoHS

**EU RoHS ELV and RoHS** 

Compliant **REACH SVHC** Contains SVHC: No

Halogen-Free **Status** Not Halogen-Free

Need more information on product environmental compliance?

Email productcompliance@molex.com For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series

90814Series

**Mates With** 

90327 IDT Connector

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description Product # **Extraction Tool** 0690081070

(Plastic) for 90327 Connector, 4-26 Circuit

Temperature Range - Operating -40°C to +105°C Termination Interface: Style Surface Mount

**Electrical** 

Current - Maximum per Contact 2.4A

Voltage - Maximum 250V AC/DC

**Solder Process Data** 

Duration at Max. Process Temperature (seconds)

Lead-free Process Capability Reflow Capable (SMT only)

Max. Cycles at Max. Process Temperature

Process Temperature max. C 260

**Material Info** 

**Reference - Drawing Numbers** 

Packaging Specification SDA-90814-9001 **Product Specification** PS-99020-0011 Sales Drawing SDA-90814

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