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Part Number: 90814-0906

Status: Active

Overview: Picoflex® Connectors

Description: Picoflex® PF-50 Header with PCB Pegs, Vertical, Low Profile, Surface Mount, Tin (Sn)

Plated, 6 Circuits, Natural

Documents:

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

Agency Certification

UL E29179

General

Product Family PCB Headers

Series <u>90814</u>

Application Signal, Wire-to-Board

Application Tooling Part Link 69008-1070 Comments Low Profile

Overview <u>Picoflex® Connectors</u>

Product Name Picoflex® UPC Picoflex® 800756883267

Physical

Breakaway No Circuits (Loaded) 6 Circuits (maximum) 6 Color - Resin Natural Durability (mating cycles max) 30 First Mate / Last Break No Flammability 94V-0 **Glow-Wire Compliant** No Guide to Mating Part No Keying to Mating Part None Lock to Mating Part Yes Material - Metal Brass Material - Plating Mating Tin

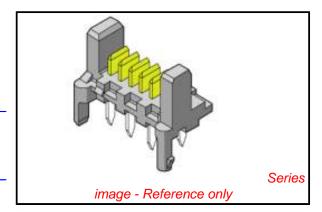
Material - Resin High Temperature Thermoplastic

Net Weight0.450/gNumber of Rows1OrientationVerticalPCB LocatorYesPCB RetentionYesPCB Thickness - Recommended1.60mm

Packaging Type Adhesive Tape on Reel

Pitch - Mating Interface 1.27mm Pitch - Termination Interface 1.27mm Plating min - Mating 3.048µm Plating min - Termination 3.048µm Polarized to Mating Part Yes Polarized to PCB Yes Shrouded No Stackable No Surface Mount Compatible (SMC) Yes

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



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

China RoHS

Need more information on product environmental compliance?

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

Please visit the <u>Contact Us</u> section for any non-product compliance questions.

Search Parts in this Series

<u>90814</u>Series

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

DescriptionProduct #Extraction Tool0690081070

(Plastic) for 4-26

Circuit

Electrical

Current - Maximum per Contact 2.4A

Voltage - Maximum 250V AC/DC

Solder Process Data

Duration at Max. Process Temperature (seconds) 3

Lead-free Process Capability Reflow Capable (SMT only)

Max. Cycles at Max. Process Temperature 1
Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Product Specification PS-99020-0011 Sales Drawing SDA-90814

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