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Part Number: **0908140818**
Status: **Active**
Overview: Picoflex Ribbon-Cable Connectors
Description: Picoflex PF-50 Header with PCB Pegs, Vertical, Low Profile, Surface Mount, Tin (Sn) Plated, 18 Circuits, Tube, Natural

Documents:

| | |
|--------------------------------|--|
| 3D Model | Product Specification PS-99020-0011-001 (PDF) |
| Drawing (PDF) | Packaging Specification PK-90814-001-001 (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

UL E29179

Application tooling part link

Application Tooling Part Link 69008-1070

General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 90814 |
| Application | Signal, Wire-to-Board |
| Comments | Low Profile |
| Overview | <u>Picoflex Ribbon-Cable Connectors</u> |
| Product Name | Picoflex |
| UPC | 800756883205 |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 18 |
| Circuits (maximum) | 18 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Glow-Wire Capable | 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 Weight | 0.781/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Tube |
| 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 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

90814 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

Description

Product #

Extraction Tool
for Picoflex PF-50
Connectors, 4-26
Circuits

690081070

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

Electrical

Current - Maximum per Contact 2.4A
Voltage - Maximum 250V AC/DC

Material Info

Reference - Drawing Numbers

Packaging Specification PK-90814-001-001
Product Specification PS-99020-0011-001
Sales Drawing SDA-90814-001

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