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Part Number: **0908143818**
Status: **Active**
Overview: Picoflex Ribbon-Cable Connectors
Description: Picoflex PF-50 Header with PCB Pegs, Vertical, Low Profile, Surface Mount, Selective Gold (Au) Plating, 18 Circuits, Tube, Natural

Documents:

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

Agency Certification

UL E29179

Application tooling part link

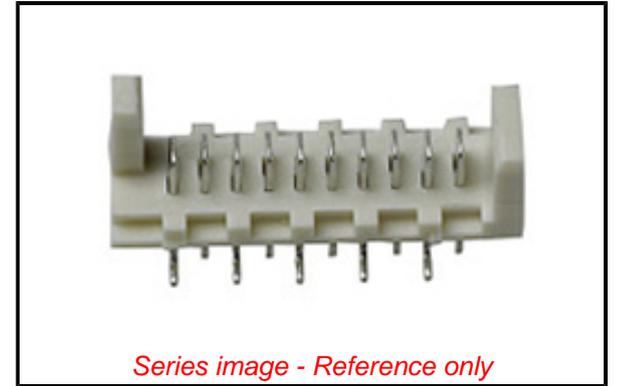
Application Tooling Part Link 69008-1070

General

Product Family PCB Headers
Series 90814
Application Signal, Wire-to-Board
Comments Low Profile
Overview Picoflex Ribbon-Cable Connectors
Product Name Picoflex
Taxonomy PCB Headers and Receptacles
UPC 800756883908

Physical

Breakaway No
Circuits (Loaded) 18
Circuits (maximum) 18
Color - Resin Natural
Durability (mating cycles max) 100
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 Gold
Material - Resin High Temperature Thermoplastic
Net Weight 0.783/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 0.762µm
Plating min - Termination 0.102µm
Polarized to Mating Part Yes
Polarized to PCB Yes
Shrouded No
Stackable No



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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

Surface Mount Compatible (SMC)	Yes
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

This document was generated on 09/02/2022

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