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Part Number: [0908143920](#)
Status: **Active**
Overview: [Picoflex Ribbon-Cable Connectors](#)
Description: Picoflex PF-50 Header with PCB Pegs, Vertical, Low Profile, Surface Mount, PdNi with Gold Flash Plating, 20 Circuits, Tape and Reel, Natural

Documents:

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

Agency Certification

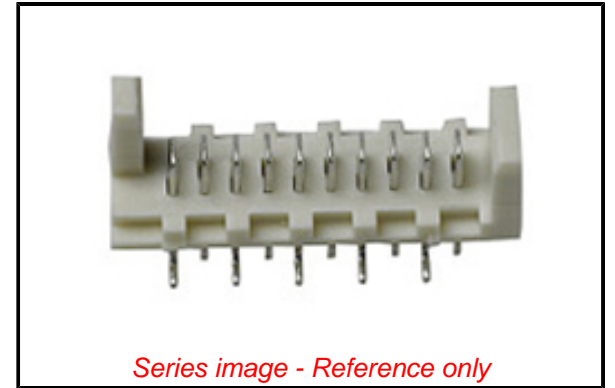
UL E29179

General

Product Family PCB Headers
 Series [90814](#)
 Application Signal, Wire-to-Board
 CURRENT-MAX-NUMERIC 2.4
 Comments Low Profile, Low Profile
 Overview [Picoflex Ribbon-Cable Connectors](#)
 PITCH-MATING-NUMERIC 1.27
 Product Name Picoflex
 UPC 800756884035

Physical

Breakaway No
 Circuits (Loaded) 20
 Circuits (maximum) 20
 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 over Palladium Nickel
 Material - Resin High Temperature Thermoplastic
 Net Weight 0.972/g
 Number of Rows 1
 Orientation Vertical
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.60mm
 Packaging Type Embossed Tape on Reel
 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
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -40° to +105°C
 Termination Interface: Style Surface Mount



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/88/2018 (15
 January 2019)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[90814](#) Series

Mates With

[90327](#) IDT Connector

Electrical

Current - Maximum per Contact

2.4A

Voltage - Maximum

250V AC/DC

Material Info**Reference - Drawing Numbers**

Product Specification

PS-99020-0011-001

Sales Drawing

SDA-90814-001

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