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Part Number:

90814-0612

Status:

Active

Overview:

Picoflex® Connectors

Description:

Picoflex® PF-50 Header without PCB Pegs, Vertical, Low Profile, Surface Mount, Tin (Sn) Plated, 12 Circuits, Natural

Documents:

3D Model

Packaging Specification PK-90814-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-99020-0011 (PDF)

Agency Certification

UL

E29179

General

Product Family

PCB Headers

Series

90814

Application

Signal, Wire-to-Board

Application Tooling Part Link

69008-1070

Comments

Low Profile

Overview

Picoflex® Connectors

Product Name

Picoflex®

UPC

800756882840

Physical

Breakaway

No

Circuits (Loaded)

12

Circuits (maximum)

12

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 Weight

0.577/g

Number of Rows

1

Orientation

Vertical

PCB Locator

No

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

No

Shrouded

No

Stackable

No

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-40°C to +105°C

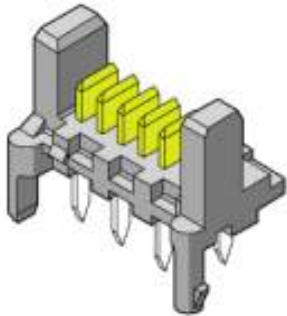


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



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 (Plastic) for 4-26 Circuit	0690081070

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

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