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Part Number:

0908003012

Status:

Active

Overview:

Picoflex Ribbon-Cable Connectors

Description:

1.27mm Pitch Picoflex PF-50 Header, Right Angle, Low Profile, with Kinked PC Tails, 0.76µm Gold (Au) Selective Plating, 12 Circuits

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

90800

Application

Signal, Wire-to-Board

Overview

Picoflex Ribbon-Cable Connectors

Product Name

Picoflex

UPC

756054871140

Physical

Breakaway

No

Circuits (Loaded)

12

Circuits (maximum)

12

Color - Resin

Black

Durability (mating cycles max)

100

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

Gold

Material - Resin

Polyester

Net Weight

0.802/g

Number of Rows

1

Orientation

Right Angle

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

0.762µm

Plating min - Termination

0.102µm

Polarized to Mating Part

Yes

Polarized to PCB

No

Shrouded

Open Ends

Stackable

No

Surface Mount Compatible (SMC)

No

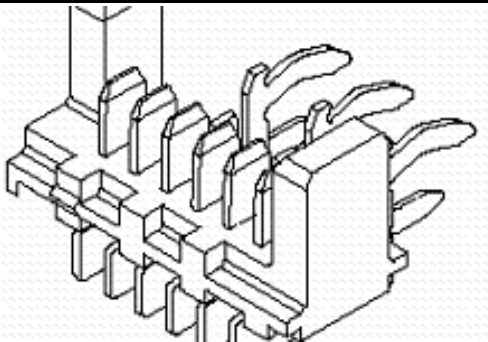
Temperature Range - Operating

-40°C to +105°C

Termination Interface: Style

Through Hole - Kinked Pin

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product
environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

90800 Series

Mates With

90327 IDT Connector

Current - Maximum per Contact	1.2A
Voltage - Maximum	250V AC/DC
Solder Process Data	
Lead-freeProcess Capability	WAVE
Material Info	
Reference - Drawing Numbers	
Sales Drawing	SDA-90800E

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