

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0908143814

Status:

Active

Overview:

Picoflex®

Description:

1.27mm (.050") Pitch Picoflex® PF-50 SMT Header, Vertical, Low Profile, Surface Mount, Gold, 14 Circuits, Glow Wire Compatible

Documents:

3D Model

Drawing (PDF)

Product Specification PS-99020-0011 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Application Tooling Part Link

Comments

Overview

Product Name

PCB Headers

90814

Wire-to-Board

690081070

Low Profile SMT

Picoflex®

Picoflex®

Physical

Breakaway

Circuits (Loaded)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Resin

Number of Rows

Orientation

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

No

14

Natural

100

No

94V-0

Yes

No

None

Yes

Brass

Gold

High Temperature Thermoplastic

1

Vertical

Yes

Yes

0.063 In

1.60 mm

Tube

0.050 In

1.27 mm

0.050 In

1.27 mm

30.4

0.76

4

0.1

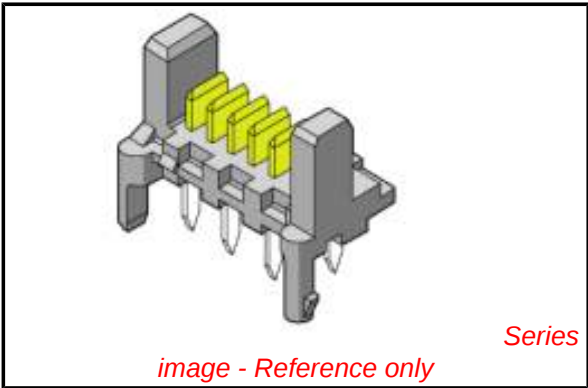
Yes

Yes

Open Ends

No

Yes



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

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

Extraction Tool (Plastic) for 90327 Connector, 4-26 Circuit

Product #

0690081070

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

Electrical

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

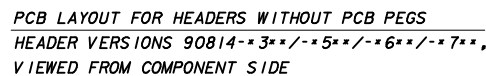
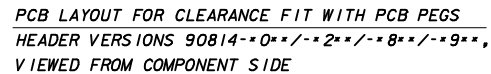
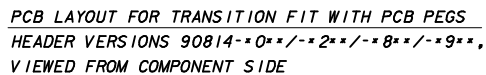
Material Info

Reference - Drawing Numbers

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

This document was generated on 04/23/2010

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ADDED PART FOOTPRINT EC NO: E2009-0235 DRAWN BY: RNS CHKD: CHKO APPR: IWALACE 2008/11/07 2008/11/10 2008/11/10	DESCRIPTION P REV	QUALITY SYMBOLS ▼=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY DMCNAMAR	DATE 2001/08/23	TITLE PICOFLEX SMT HEADER		
			4 PLACES	± ---	± ---	CHECKED BY BMAGUIRE		DATE 2001/08/23	
			3 PLACES	± ---	± ---	APPROVED BY MWILHITE		DATE 2001/08/23	
			2 PLACES	± 0.10	± ---	MATERIAL NO.		DOCUMENT NO.	
		1 PLACE		± 0.2	± ---	MOLEX INCORPORATED			
		ANGULAR		± 1/2°		SDA-90814		2 OF 2	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				