

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0908140806

Status:

Active

Overview:

[picoflex](#)

Description:

1.27mm (.050") Pitch Picoflex® PF-50 SMT Header, Vertical, Low Profile, Surface Mount, Tin, 6 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

MolexKits

Overview

Product Name

PCB Headers

90814

Wire-to-Board

690081070

Low Profile SMT

Yes

[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

No

6

Natural

30

No

94V-0

Yes

No

None

Yes

Brass

Tin

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

120

3

120

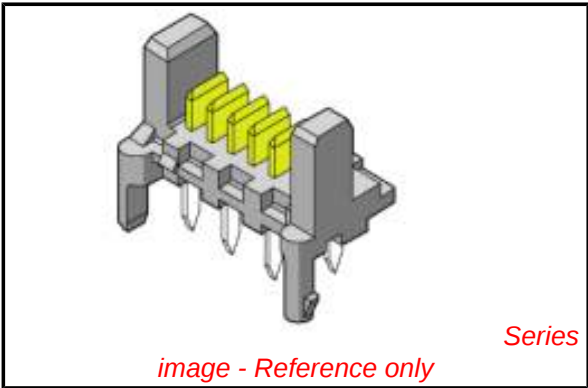
3

Yes

Yes

Open Ends

No



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Halogen-Free

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.

China RoHS



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 90327 Connector, 4-26 Circuit	0690081070

Surface Mount Compatible (SMC)	Yes
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

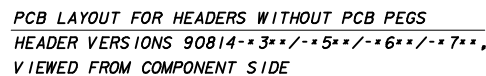
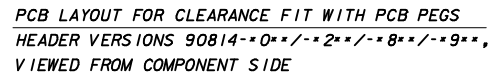
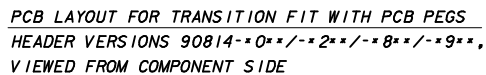
Material Info

Reference - Drawing Numbers

Packaging Specification	PK-90814-001
Product Specification	PS-99020-0011
Sales Drawing	SDA-90814

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908 14--*34	34	(46.96)/.1849	(4.91)/.1650	(45.76)/.1802	(22.88)/.901
908 14--*26	26	(36.80)/.1449	(3.175)/.1250	(35.60)/.1402	(17.80)/.701
908 14--*24	24	(34.26)/.1349	(29.21)/.1150	(33.06)/.1302	(16.53)/.651
908 14--*22	22	(31.72)/.1249	(26.67)/.1050	(30.52)/.1202	(15.26)/.601
908 14--*20	20	(29.18)/.1149	(24.13)/.950	(27.98)/.1102	(13.99)/.551
908 14--*18	18	(26.64)/.1049	(21.59)/.850	(25.44)/.1002	(12.72)/.501
908 14--*16	16	(24.10)/.949	(19.05)/.750	(22.90)/.902	(11.45)/.451
908 14--*14	14	(21.56)/.849	(16.51)/.650	(20.36)/.802	(10.18)/.401
908 14--*12	12	(19.02)/.749	(13.97)/.550	(17.82)/.702	(8.91)/.351
908 14--*10	10	(16.48)/.649	(11.43)/.450	(15.28)/.602	(7.64)/.301
908 14--*08	8	(13.94)/.549	(8.89)/.350	(12.74)/.502	(6.37)/.251
908 14--*06	6	(11.40)/.449	(6.35)/.250	(10.20)/.402	(5.10)/.201
908 14--*04	4	(8.86)/.349	(3.81)/.150	(7.66)/.302	(3.83)/.151
PART NO.	NUMBER OF CKTS	DIMN. A	DIMN. B	DIMN. C	DIMN. D

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