

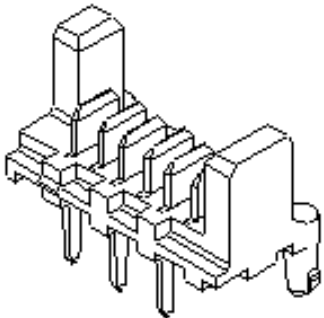
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Part Number: [0907790013](#)
Status: **Active**
Description: 1.27mm (.050") Pitch Picoflex® PF-50 Header, Vertical, Low Profile, High Temperature Surface Mount Compatible, Tin (Sn) Plating, 26 Circuits, Glow Wire Compatible

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

General	
Product Family	PCB Headers
Series	90779
Application	Wire-to-Board
Application Tooling Part Link	690081070
Product Name	Picoflex®
Physical	
Breakaway	No
Circuits (Loaded)	26
Color - Resin	Natural
Durability (mating cycles max)	100
First Mate / Last Break	No
Glow-Wire Compliant	Yes
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
Number of Rows	1
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.063 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.050 In
Pitch - Mating Interface (mm)	1.27 mm
Pitch - Term. Interface (in)	0.050 In
Pitch - Term. Interface (mm)	1.27 mm
Plating min: Mating (µin)	160
Plating min: Mating (µm)	4
Plating min: Termination (µin)	160
Plating min: Termination (µm)	4
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Open Ends
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical	
Current - Maximum per Contact	1.2A
Voltage - Maximum	250V AC/DC



Series
image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Not Reviewed



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
[90779Series](#)

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

Solder Process Data

Lead-free Process Capability

Wave Capable (TH only)

Material Info

Reference - Drawing Numbers

Product Specification

PS-99020-0011

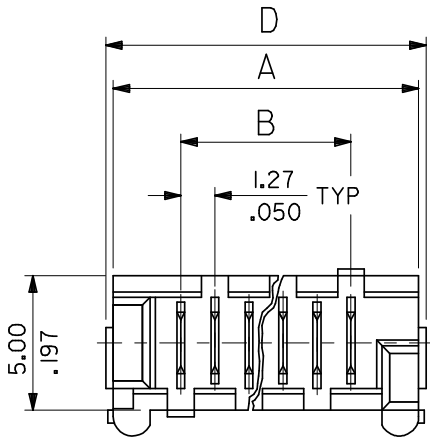
Sales Drawing

SDA-90779

This document was generated on 04/09/2010

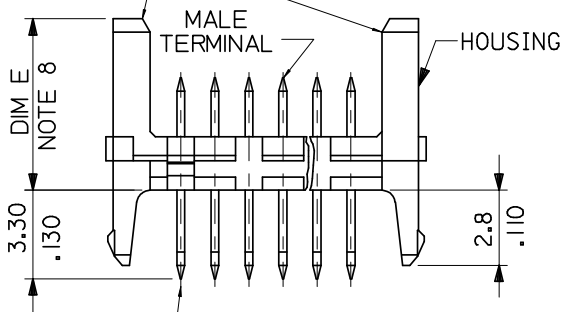
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10 9 8 7 6 5 4 3 2 1



MOULD BASE COLOUR: NATURAL

POLARISING
PEG'S
NOTE 8

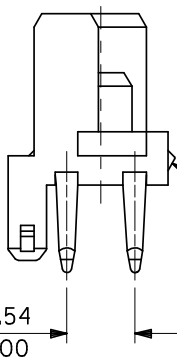


CIRCUIT No. 1

90779-***

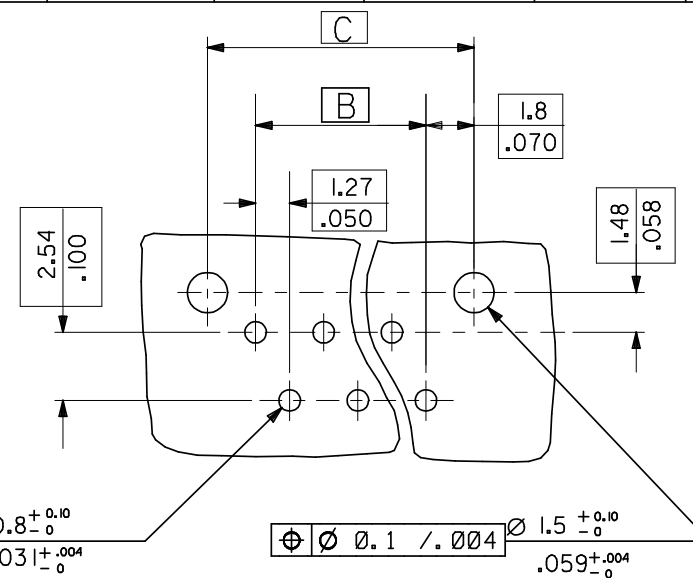
0= 4-6um TIN ASSY
3= 0.76um GOLD ASSY
7= 0.76um GOLD, TUBED
9= 4-6um TIN ASSY TUBED

CIRCUIT SIZE 04CKT TO 26CKT
-SEE TABLE ABOVE FOR PART CODE
0 - STANDARD
9 - SHORT VERSION



LATCH FOR FEMALE
CONNECTOR

PCB LAYOUT VIEWED
FROM SOLDER SIDE.
BOARD 1.60±0.14 THK
.063±.006 THK.



NOTES

- HOUSING. NYLON 46, GLASS FILLED UL 94 V-0, NATURAL (WHITE).
- TERMINAL. BRASS
PLATING. TIN: 0.00127mm/.011" MIN NICKEL
UNDER 0.004-0.006mm/.160-.240" TIN

PLATING. GOLD: 0.00127mm/.050" MIN. NICKEL
UNDER 0.003-0.005mm/.120-.200" TIN SELECTIVE
AND 0.00076mm/.030" SELECTIVE GOLD

- APPLICATION CLASS TO DIN 40040 HME (-25°C/+100°C)
- PIN PUSH FORCE 7N
- TEST VOLTAGE: 750V.A.C./1 MIN
- COMPATIBLE WITH MOLEX PART 90327
- PRODUCT SPECIFICATION: PS-99020-0011
- POLARISING PEG AVAILABLE IN 2 OPTIONS
DIM E: STANDARD 6.40mm/.252"
DIM E: SHORT VERSION 4.10mm/.161"

REV	DESCRIPTION	QUALITY SYMBOLS	ADDED PART NUMBERS SHORT POL PEG VERSION EC NO: E2008-0379	REV	DESCRIPTION	QUALITY SYMBOLS
1	DRWN:DBYRNES 2008/02/28 CHKD: 2008/02/28 APPR: J WALLACE 2008/02/28	▽=0 ▽=0				

GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM/IN		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
	mm	INCH	DRAWN BY	DATE	TITLE HEADER ASSEMBLY		
4 PLACES	± ---	± .008	BGB	1992/08/21			
3 PLACES	± 0.20	± .008	CHECKED BY	DATE			
2 PLACES	± 0.20	± ---	DMOR IARTY	2004/12/03			
1 PLACE	± ---	± ---	APPROVED BY	DATE	 MOLEX INCORPORATED		
ANGULAR ± ---°		JDENNEHY	2004/12/03				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO.		DOCUMENT NO.		SHEET NO.
			SEE CHART		SDA-90779		1 OF 1
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				