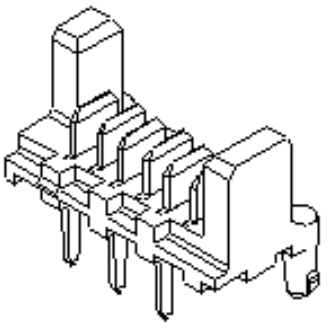
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PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0907793001

Status: Active

Description: 1.27mm (.050") Pitch Picoflex® PF-50 Header, Vertical, Low Profile, High Temperature Surface Mount Compatible, 4 Circuits, Glow Wire Compatible



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-99020-0011 (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)	4
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	Gold
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Vertical
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 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
Plating min: Mating (µin)	30.4
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	120
Plating min: Termination (µm)	3
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	No
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

Material Info

Reference - Drawing Numbers

Product Specification	PS-99020-0011

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
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.

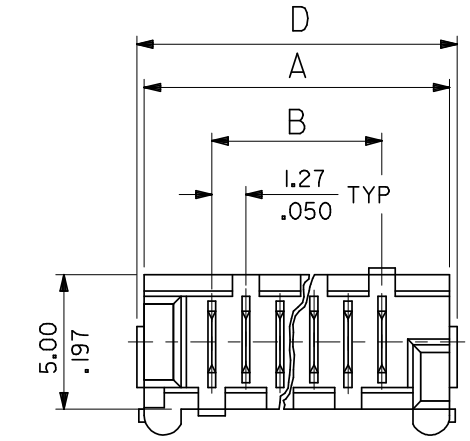
Global

Description	Product #
Extraction Tool (Plastic) for 90327 Connector, 4-26 Circuit	0690081070

Sales Drawing SDA-90779

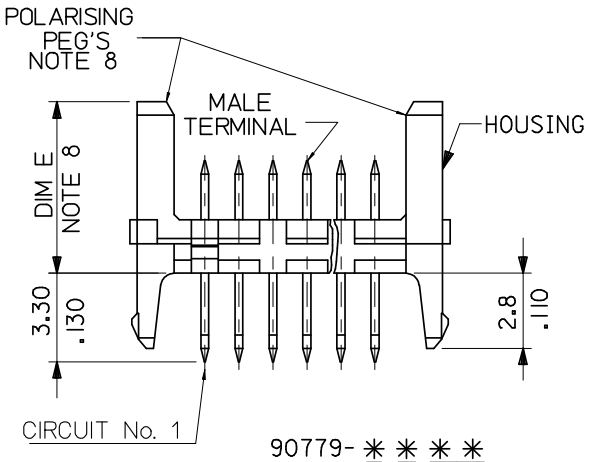
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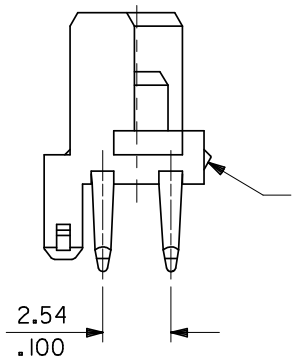
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



MOULD BASE COLOUR: NATURAL

90779-**13	26	36.80 / 1.449	31.75 / 1.250	35.35 / 1.392	37.26 / 1.467	14
-**12	24	34.26 / 1.349	29.21 / 1.150	32.81 / 1.292	34.72 / 1.367	15
-**11	22	31.72 / 1.249	26.67 / 1.050	30.27 / 1.192	32.18 / 1.267	16
-**10	20	29.18 / 1.149	24.13 / .950	27.73 / 1.092	29.64 / 1.167	18
-**08	18	26.64 / 1.049	21.59 / .850	25.19 / .992	27.10 / 1.067	19
-**07	16	24.10 / .949	19.05 / .750	22.65 / .892	24.56 / .967	22
-**06	14	21.56 / .849	16.51 / .650	20.11 / .792	22.02 / .867	24
-**05	12	19.02 / .749	13.97 / .550	17.57 / .692	19.48 / .767	27
-**04	10	16.48 / .649	11.43 / .450	15.03 / .592	16.94 / .667	32
-**03	8	13.94 / .549	8.89 / .350	12.49 / .492	14.40 / .567	36
-**02	6	11.40 / .449	6.35 / .250	9.95 / .392	11.86 / .467	44
90779-**01	4	8.86 / .349	3.81 / .150	7.41 / .292	9.32 / .367	57
PART NO.	NO. OF CKTS	DIM. A	DIM. B	DIM. C	DIM. D	NO.ASSYS IN TUBE





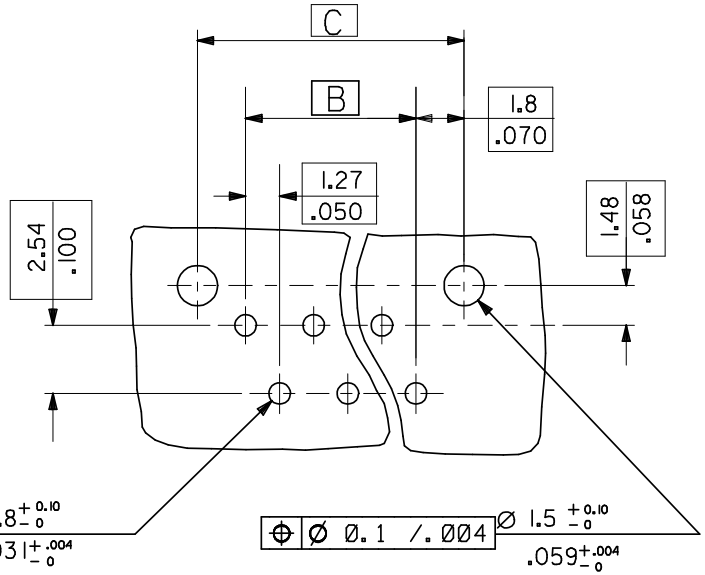
90779-* * * *

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

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



NOTES
1. HOUSING. NYLON 46, GLASS FILLED UL 94 V-0, NATURAL (WHITE).
2. 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

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

ADDED PART NUMBERS
SHORT POL PEG VERSION
EC NO: E2008-0379
DRWN:DBYRNES 2008/02/28
CH'KD: 2008/02/28
APPR: JWALLACE 2008/02/28
DESCRIPTION
REV
R

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	±.008
3 PLACES	± 0.20	±.008
2 PLACES	± 0.20	± ---
1 PLACE	± ---	± ---

ANGULAR ±---°

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM/IN
SCALE: 5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: BGB DATE: 1992/08/21
CHECKED BY: DMORIARTY DATE: 2004/12/03
APPROVED BY: JDENNEHY DATE: 2004/12/03

TITLE: HEADER ASSEMBLY

molex MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SDA-90779
SHEET NO.: 1 OF 1

SIZE A3

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