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Part Number: [0908000008](#)
Status: **Active**
Description: 1.27mm (.050") Pitch Picoflex® PF-50 Header, Right Angle, Low Profile, with Kinked PC Tails, 8 Circuits

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

General

Product Family	PCB Headers
Series	90800
Application	Wire-to-Board
Comments	Low Profile
Product Name	Picoflex®

Physical

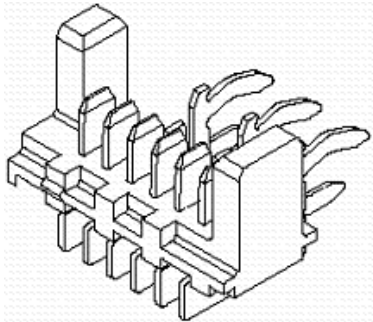
Breakaway	No
Circuits (Loaded)	8
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Resin	Polyester
Number of Rows	1
Orientation	Vertical
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.050 In
Pitch - Mating Interface (mm)	1.27 mm
Plating min: Mating (µin)	120
Plating min: Mating (µm)	3
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)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole - Kinked Pin

Electrical

Current - Maximum per Contact	1.2A
Voltage - Maximum	250V

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)



*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
[90800Series](#)

Mates With
[90327](#) IDT Connector

Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	230

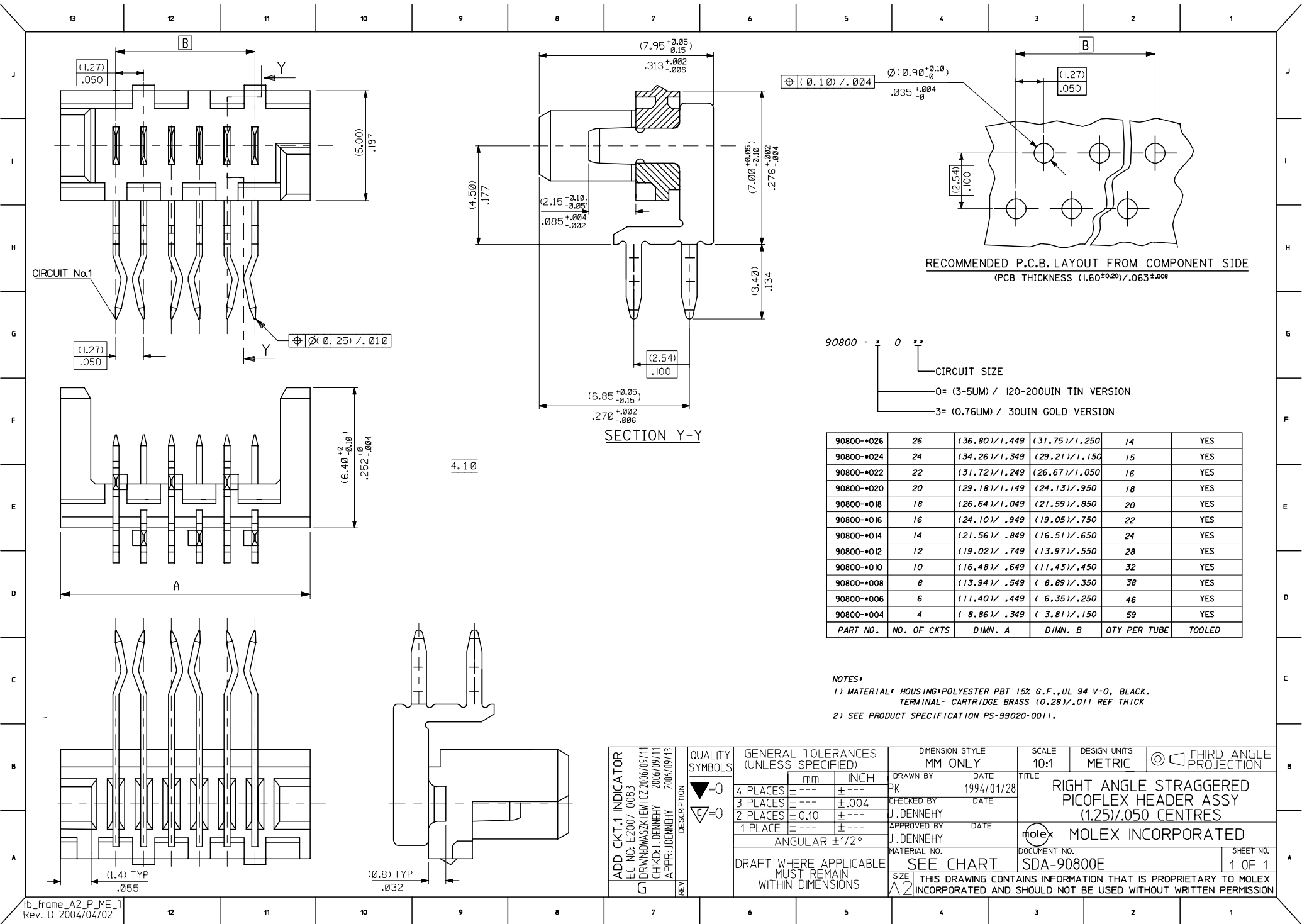
Material Info

Reference - Drawing Numbers

Product Specification	PS-99020-0011
Sales Drawing	SDA-90800E

This document was generated on 04/23/2010

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90800-026	26	(36.80)/1.449	(31.75)/1.250	14	YES
90800-024	24	(34.26)/1.349	(29.21)/1.150	15	YES
90800-022	22	(31.72)/1.249	(26.67)/1.050	16	YES
90800-020	20	(29.18)/1.149	(24.13)/.950	18	YES
90800-018	18	(26.64)/1.049	(21.59)/.850	20	YES
90800-016	16	(24.10)/.949	(19.05)/.750	22	YES
90800-014	14	(21.56)/.849	(16.51)/.650	24	YES
90800-012	12	(19.02)/.749	(13.97)/.550	28	YES
90800-010	10	(16.48)/.649	(11.43)/.450	32	YES
90800-008	8	(13.94)/.549	(8.89)/.350	38	YES
90800-006	6	(11.40)/.449	(6.35)/.250	46	YES
90800-004	4	(8.86)/.349	(3.81)/.150	59	YES
PART NO.	NO. OF CKTS	DIMN. A	DIMN. B	QTY PER TUBE	TOOLED

NOTES*

- 1) MATERIAL* HOUSING*POLYESTER PBT 15% G.F.,UL 94 V-0, BLACK.
TERMINAL- CARTRIDGE BRASS (0.28)/.011 REF THICK
2) SEE PRODUCT SPECIFICATION PS-99020-0011.

ADD CKT.1 INDICATOR EC NO: E2007-0083 G DRWN: WASZK LEWICZ 2006/09/11 CHKD: J. DENNEHY 2006/09/11 APPR: J. DENNEHY 2006/09/13	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY PK	DATE 1994/01/28	TITLE RIGHT ANGLE STRAGGERED PICO FLEX HEADER ASSY (1.25)/.050 CENTRES  MOLEX INCORPORATED				
			4 PLACES ± ---	± ---	CHECKED BY J. DENNEHY	DATE					
			3 PLACES ± ---	± .004	APPROVED BY J. DENNEHY	DATE					
			2 PLACES ± 0.10	± ---	MATERIAL NO.					DOCUMENT NO.	SHEET NO.
			1 PLACE ± ---	± ---	SEE CHART					SDA-90800E	1 OF 1
ANGULAR ±1/2°											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											