

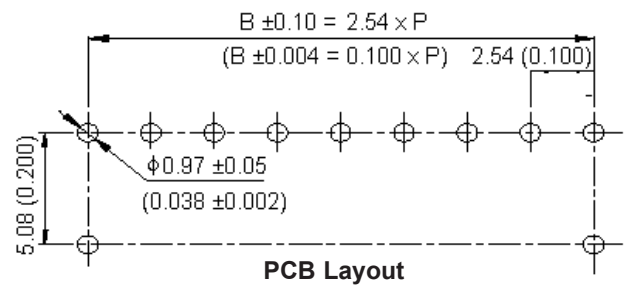
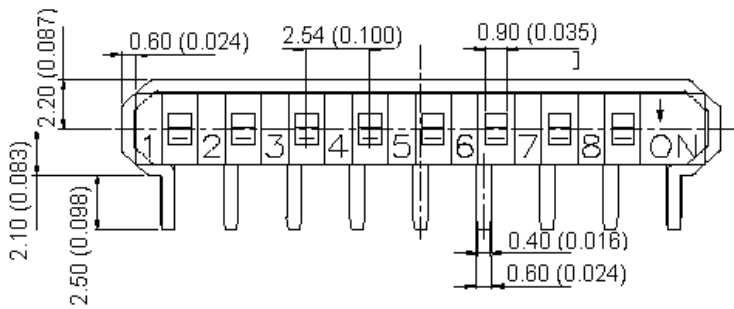


PART NO.

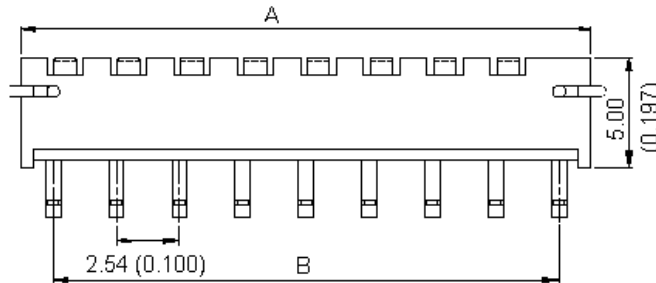
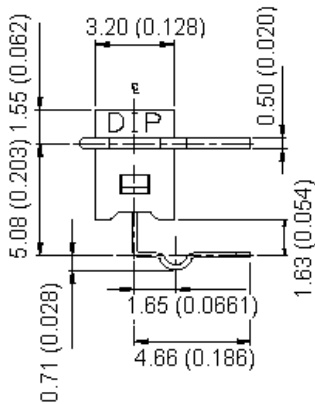
SIP Series

## REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Siva	07/3/08	Suresh	07/3/08	G. C	21/3/08

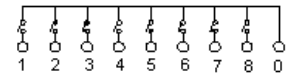


PCB Layout



Dimensions : Millimetres (Inches)

## Schematic (Typical)



2, 4, 6, 8 and 10 Positions Available

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## TOLERANCES:

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## DRAWN BY:

Siva

## DATE:

07/03/08

## CHECKED BY:

Suresh

## DATE:

07/03/08

## APPROVED BY:

G.Cook

## DATE:

21/03/08

## DRAWING TITLE:

Single In Line Switches - Right Angle Terminals

## SIZE

A

## DWG NO.

M10000822

## ELECTRONIC FILE

SIP-V (SIP-A)\_DWG


## REV


A

## SCALE: NTS

U.O.M.: mm (Inches)

SHEET: 1 OF 3

	PART NO.  SIP Series	REVISIONS								
		ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
		-	A	RELEASED	Siva	07/3/08	Suresh	07/3/08	G. C	21/3/08
<div>Specifications:</div> <div><div>Mechanical:</div><div>Mechanical life : 500 cycles.</div><div>Operating force : 800gf.</div><div>Operating temperature : -30 to +80°C.</div><div>Storage temperature : -30 to +80°C.</div><div>Electrical:</div><div>Electrical life : 500 cycles.</div><div>Non-switching rating : 100mA, 50V dc.</div><div>Switching rating : 10mA, 5V dc.</div><div>Maximum contact resistance at 100mA current : 100mΩ at intial 200mΩ after life test.</div><div>Minimum insulation resistance : 100MΩ (500V dc).</div><div>Dielectric strength : 300V ac/1 minute.</div><div>Circuit : SPST.</div><div>Materials:</div><div>Cover : UL 94V-0 Nylon high temperature thermoplastic. Colour : Black.</div><div>Base : UL 94V-0 PBT or nylon high temperature thermoplastic. Colour : Black.</div><div>Actuator : UL 94V-0 Nylon thermoplastic. Colour : White.</div><div>Contact : Alloy copper with gold plated.</div><div>Terminal : Brass C2680-H with tin plated.</div></div> <div>Soldering Process:</div> <div>Wave soldering : Recommended solder temperature at 500°F(260°C) maximum 5 seconds.</div> <div>Hand soldering : Use a soldering ion of 30 watts , controlled at 350°C approximately maximum 5 seconds while applying solder.</div>										
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		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.		Siva		07/03/08				
				CHECKED BY:		DATE:				
				Suresh		07/03/08				
				APPROVED BY:		DATE:				
		G.Cook		21/03/08		SIZE A	DWG NO. M10000822	ELECTRONIC FILE SIP-V (SIP-A)_DWG	REV A	
				SCALE: NTS		U.O.M.: mm (Inches)		SHEET: 2 OF 3		

	PART NO.  SIP Series	REVISIONS								
		ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
		-	A	RELEASED	Siva	07/3/08	Suresh	07/3/08	G. C	21/3/08

### Specifications Table

Number of Positions	Dimensions (A)	Dimensions (B)	Part Number
2	7.62 (0.300)	5.08 (0.200)	SIP-02A
4	12.70 (0.500)	10.16 (0.400)	SIP-04A
6	17.78 (0.700)	15.24 (0.600)	SIP-06A
8	22.86 (0.900)	20.32 (0.800)	SIP-08A
10	27.94 (1.100)	25.40 (1.000)	SIP-10A

Dimensions: Millimetres (Inches)

### Part Number Explanation

SIP

-

02

T

Single In-Line DIP Switch.

Number of Positions

Terminal Style

Number of Positions

: 02 = 2 Positions.  
04 = 4 Positions.  
06 = 6 Positions.  
08 = 8 Positions.  
10 = 10 Positions.

Terminal Style

: A = Right Angle.

http://www.farnell.com

http://www.newark.com

http://www.cpc.co.uk

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		Siva	07/03/08	Single In Line Switches - Right Angle Terminals			
		CHECKED BY:	DATE:	SIZE	DWG NO.	ELECTRONIC FILE	REV
		Suresh	07/03/08	A	M10000822	SIP-V (SIP-A)_DWG	A
		APPROVED BY:	DATE:	SCALE: NTS		U.O.M.: mm (Inches)	
G.Cook	21/03/08						