

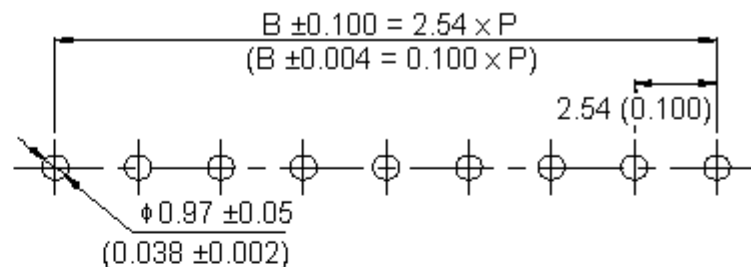
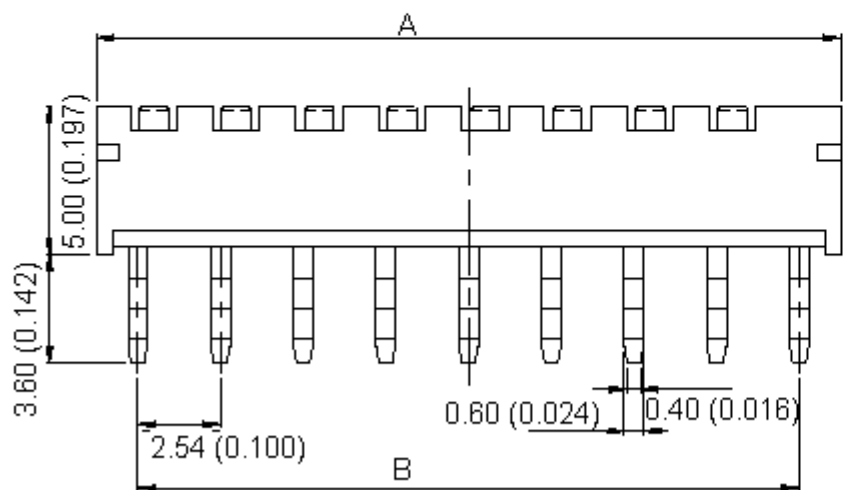
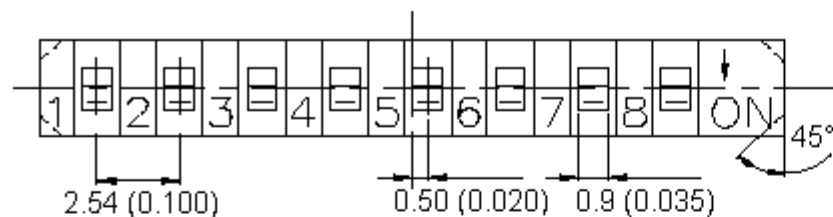


PART NO.

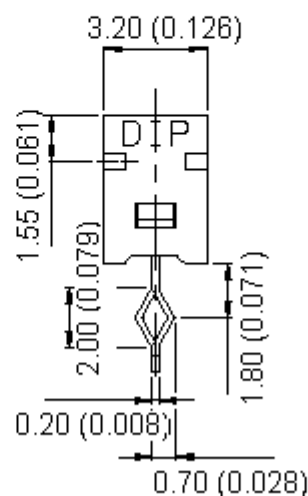
SIP Series

REVISIONS

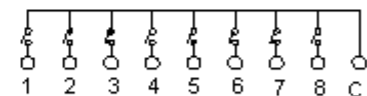
ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Siva	07/3/08	Suresh	07/3/08	G. C	21/3/08



PCB Layout



Schematic (Typical)



2, 4, 6, 8 and 10 Positions Available

Dimensions : Millimetres (Inches)

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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 - Straight Terminals

SIZE
A

DWG NO.

M10000823

ELECTRONIC FILE
SIP-V (SIP-T)_DWGREV
A

SCALE: NTS

U.O.M.: mm (Inches)

SHEET: 1 OF 3



PART NO.

SIP Series

REVISIONS

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Specifications:**Mechanical:**

Mechanical life : 500 cycles.
Operating force : 800gf.
Operating temperature : -30 to +80°C.
Storage temperature : -30 to +80°C.

Electrical:

Electrical life : 500 cycles.
Non-switching rating : 100mA, 50V dc.
Switching rating : 10mA, 5V dc.
Maximum contact resistance at 100mA current : 100mΩ at initial
200mΩ after life test.
Minimum insulation resistance : 100MΩ (500V dc).
Dielectric strength : 300V ac/1 minute.
Circuit : SPST.

Materials:

Cover : UL 94V-0 Nylon high temperature thermoplastic.
Colour : Black.
Base : UL 94V-0 PBT or nylon high temperature thermoplastic.
Colour : Black.
Actuator : UL 94V-0 Nylon thermoplastic.
Colour : White.
Contact : Alloy copper with gold plated.
Terminal : Brass C2680-H with tin plated.

Soldering Process:

Wave soldering : Recommended solder temperature at 500°F(260°C) maximum 5 seconds.

Hand soldering : Use a soldering iron of 30 watts , controlled at 350°C approximately maximum 5 seconds while applying solder.

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07/03/08

DATE:

07/03/08

DATE:

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DRAWING TITLE:**Single In Line Switches - Straight Terminals****SIZE**
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DWG NO.

M10000823ELECTRONIC FILE
SIP-V (SIP-T)_DWGREV
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

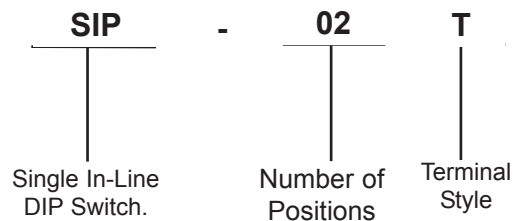
21/3/08

Specifications Table

Number of Positions	Dimensions (A)	Dimensions (B)	Part Number
2	7.62 (0.300)	5.08 (0.200)	SIP-02T
4	12.70 (0.500)	10.16 (0.400)	SIP-04T
10	27.94 (1.100)	25.40 (1.000)	SIP-10T

Dimensions: Millimetres (Inches)

Part Number Explanation



Number of Positions : 02 = 2 Positions.
04 = 4 Positions.
10 = 10 Positions.

Terminal Style : T = Straight.

<http://www.farnell.com><http://www.newark.com><http://www.cpc.co.uk>

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SHEET: 3 OF 3