Switch, SIL
4 Way

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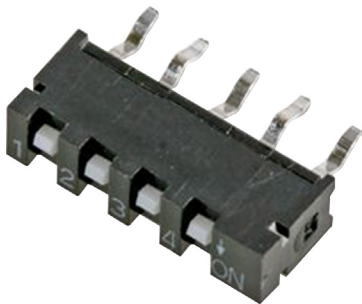
Specifications:

|	
Switch Type	: DIP
Contact Configuration	: SPST-CO
No. of Switch Positions	: 4
Pitch Spacing	: 2.54mm
Contact Current DC Max	: 10mA
Switch Mounting	: Through Hole
Actuation Type	: Flat
Actuator Type	: Flush Slide
Contact Configuration	: SPST-CO
Contact Current @ Contact Voltage DC Max	: 100mA
Contact Material	: Alloy Copper
Contact Plating	: Gold
Dielectric Strength	: 300V AC / 1 minute
External Depth	: 3.2mm
External Width	: 12.7mm
Height	: 5mm
No. of Electrical Operations	: 500
Operating Force	: 7.84N
Operating Temperature	: -30°C to +80°C
Pin Configuration	: SIL
Series	: SIP
Terminal Plating	: Tin
Terminal Type	: SMD
Insulation Resistance	: 100MΩ Min. 500V DC
Circuit	: SPST
Contact Resistance	: (at current 100mA).
	(a) 100mΩ max. at initial
	(b) 200mΩ max. after life test
Operation Force	: 800gf
Cover	: Nylon High-Temp Thermoplastic, Colour: Black
Base	: PBT or Nylon High-Temp Thermoplastic, Clour: Black
Actuator	: Nylon Thermoplastic, Colour: White
Contact	: Alloy Copper with Gold Plated
Terminal	: Brass C2680-H with Tin Plated

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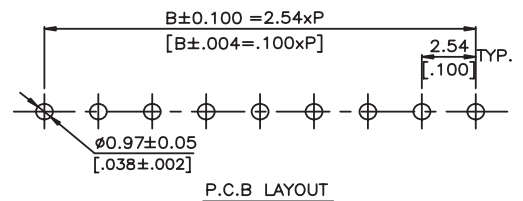# Switch, SIL
4 Way

Soldering Process:

Wave Soldering : Recommended solder temperature at 500°F (260) Max. 5 seconds.

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

SIP-T
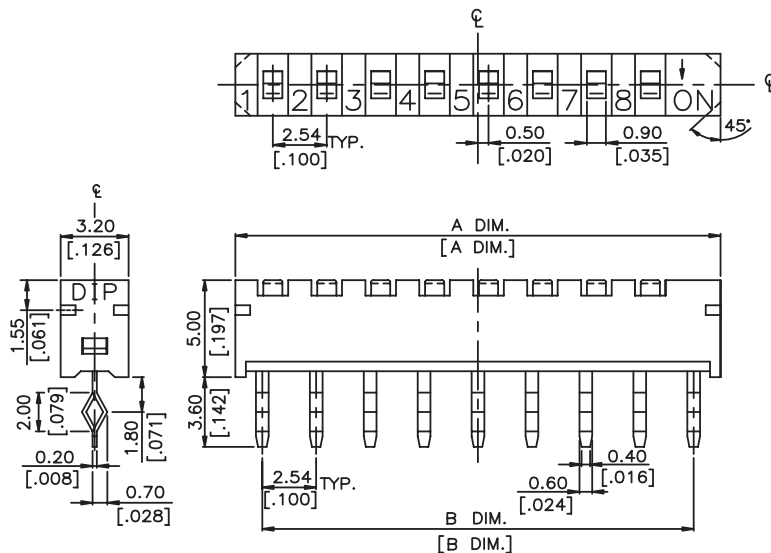
PROD. NO.	NO.OF POS.	DIM. A	DIM. B
SIP-10	10	27.94[1.100]	25.40[1.000]
SIP-08	8	22.86[.900]	20.32[.800]
SIP-06	6	17.78[.700]	15.24[.600]
SIP-04	4	12.70[.500]	10.16[.400]
SIP-02	2	7.62[.300]	5.08[.200]

SCHEMATIC(TYP.)

CIRCUIT DIAGRAM (2,4,6,8,10, POS. AVAIL)

B±0.100 =2.54xP
[B±.004=.100xP]

ø0.97±0.05
[.038±.002]

P.C.B LAYOUT

General Tolerance : ±0.2mm

Dimensions : Millimetres (Inches)

Part Number Table

Description	Part Number
Switch, SIL, 4 Way	SIP-04T

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

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