

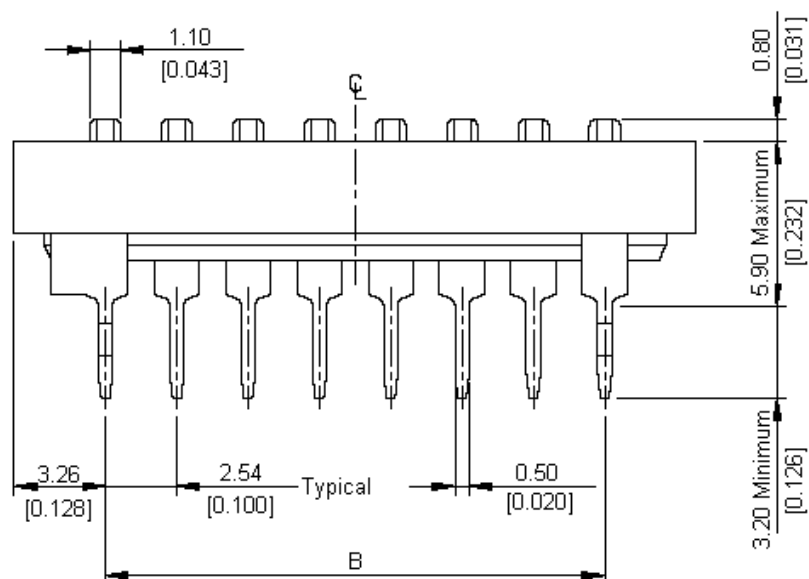
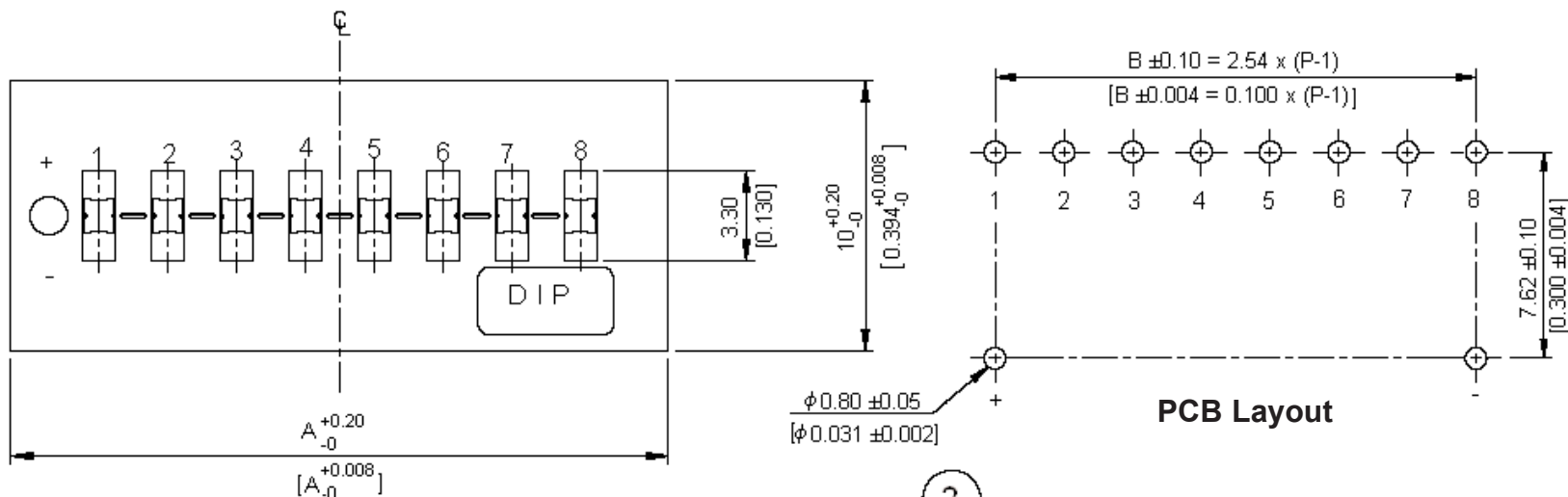


PART NO.

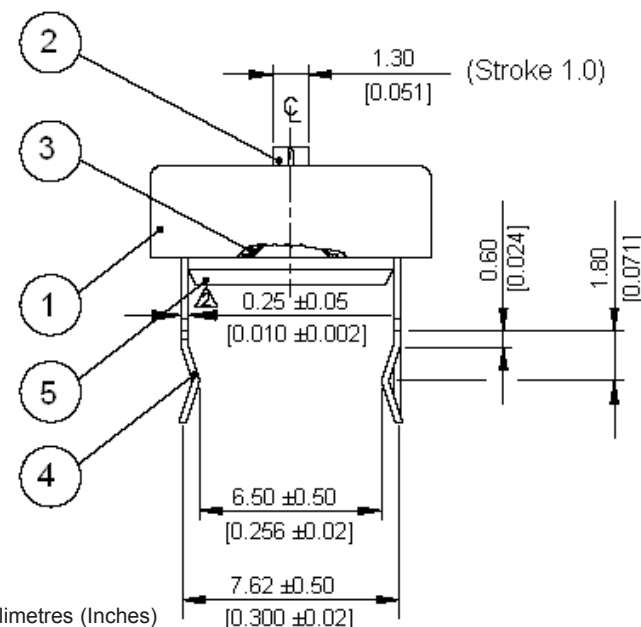
MCTDS Series

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



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:

Dual In Line Switches - Tri-State

SIZE
A

DWG NO.

M10000826

ELECTRONIC FILE
TDS-V_DWGREV
A

SCALE: NTS

U.O.M.: mm (Inches)

SHEET: 1 OF 3



PART NO.

MCTDS Series

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Specifications:**Mechanical:**

Mechanical life : 2,000 operation cycles.
Maximum operating force : 1,000gf.
Stroke : 1.0mm.
Operating temperature : -20°C to +70°C.
Storage temperature : -40°C to +85°C.

Electrical:

Electrical life : 2,000 cycles.
Non-switching rating : 100mA, 50V dc.
Switching rating : 25mA, 24V dc.
Maximum Contact resistance : (a) 50mΩ at initial
(b) 100mΩ after life test.
Minimum Insulation resistance : 100MΩ at 500V dc.
Dielectric strength : 500V ac/1 minute.
Circuit : 3 switching positions.

Material:

Base and cover : UL 94V-0 PBT high thermoplastic.
Colour : Black.
Actuators : UL 94V-0 Nylon thermoplastic.
Colour : White.
Contact : Alloy copper with gold plated.
Terminal : Brass with gold plated.
Contact plating : Gold plating over nickel.

Soldering Process:

Keep all switch contacts in their “O” positions for all operations.

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 5 seconds while applying solder.

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G.Cook

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DWG NO.

M10000826ELECTRONIC FILE
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SCALE: NTS

U.O.M.: mm (Inches)

SHEET: 2 OF 3



PART NO.

MCTDS Series

REVISIONS

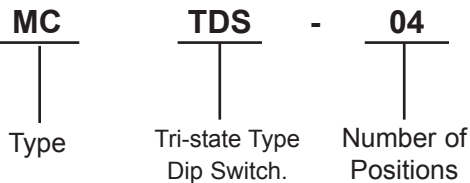
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Specifications Table

Number of Positions	A	B	Part Number
4	14.14 (0.557)	7.62 (0.300)	MCTDS-04
10	29.38 (1.157)	22.86 (0.900)	MCTDS-10

Dimensions: Millimetres (Inches)

Part Number Explanation



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

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

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SHEET: 3 OF 3