



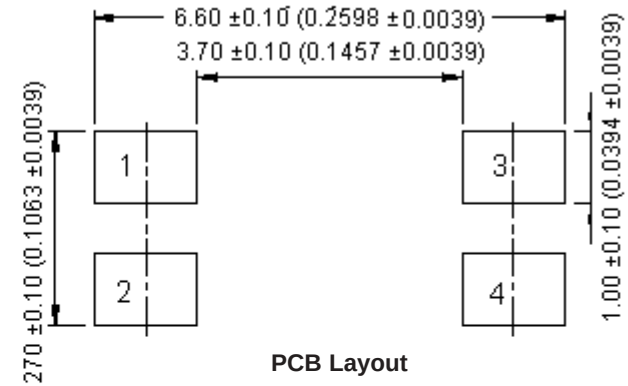
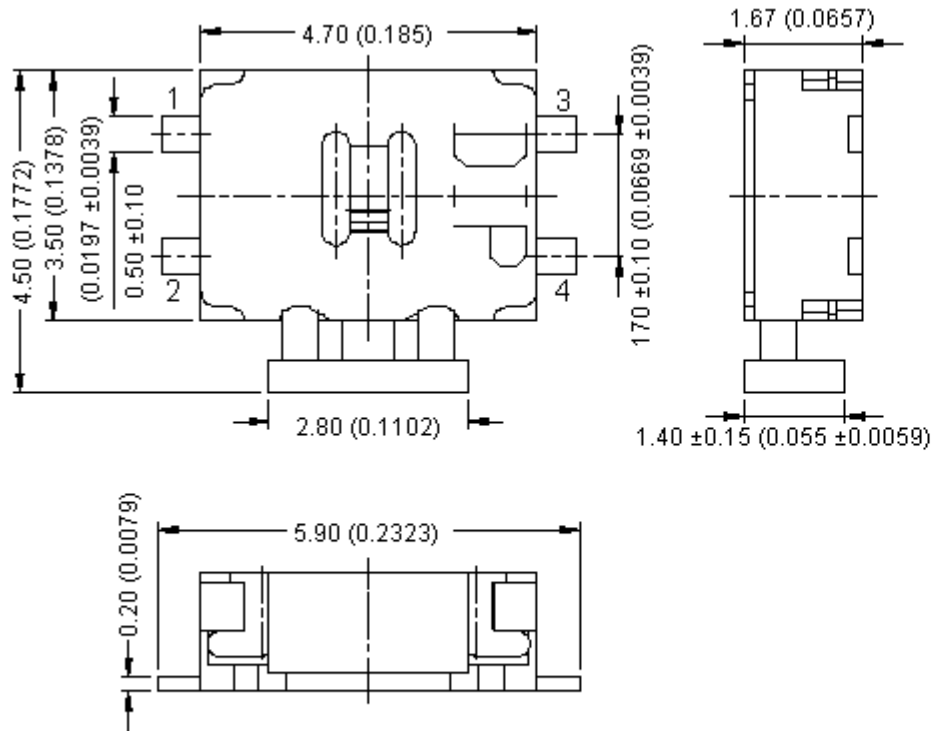
PART NO.

MCPTF-V

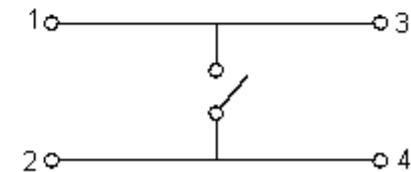
REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Geetha	03/6/08	Suresh	03/6/08	G. C	17/6/08

MCPTF



PCB Layout



Circuit Diagram

Dimensions : Millimetres (Inches)

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G.Cook

DATE:

17/06/08

DRAWING TITLE:

TACT Switch - Horizontal - SMD

SIZE
A

DWG NO.

M10001226

ELECTRONIC FILE
PT-V_DWGREV
A

SCALE: NTS

U.O.M.: mm (Inches)

SHEET: 1 OF 3



PART NO.

MCPTF-V

REVISIONS

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Specifications:**Mechanical:**

Operating force : 220 +80/-70gf side push.
160 ±50gf vertical push.

Stroke : 0.30 $\begin{matrix} +0.10\text{mm} \\ -0.15\text{mm} \end{matrix}$ Side push
0.20 ±0.1mm vertical push.

Operating temperature : -25°C to +70°C.

Storage temperature : -30°C to +80°C.

Electrical:

Minimum electrical life : 100,000 cycles for PT(C)L, PT(C)F.

Rating : 12V dc.

Maximum contact resistance : 100mΩ.

Minimum insulation resistance : 100MΩ 500V dc.

Dielectric strength : 250V ac/1minute.

Contact arrangement : 1 pole 1 throw.

Material:

Cover : Stainless steel.

Contact disc : Stainless steel.

Terminal : Brass with silver plated.

Base : Nylon high-temperature thermoplastic.
Color : Black.

Stem : LCP high-temperature thermoplastic.
Color : Black.

Tape : Teflon.

Soldering Processes:

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

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DRAWING TITLE:**TACT Switch - Horizontal - SMD****SIZE**
A**DWG NO.****M10001226****ELECTRONIC FILE**
PT-V_DWG**REV**
A**SCALE: NTS****U.O.M.: mm (Inches)****SHEET: 2 OF 3**



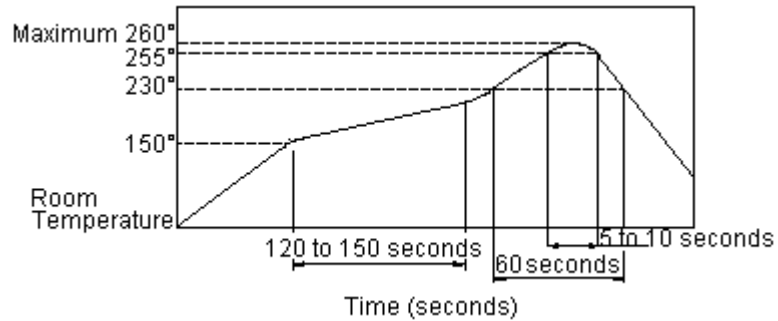
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MCPTF-V

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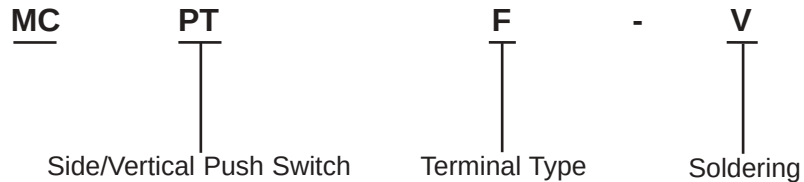
Temperature Profile:



Part Number Table

Description	Part Number
Switch, Micro-Miniature SMD	MCPTF-V

Part Number Explanation:



Terminal Type : F = Flat.
Soldering : V = Lead Free Solderable.

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

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SHEET: 3 OF 3