



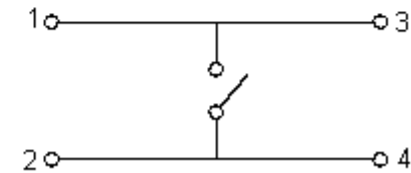
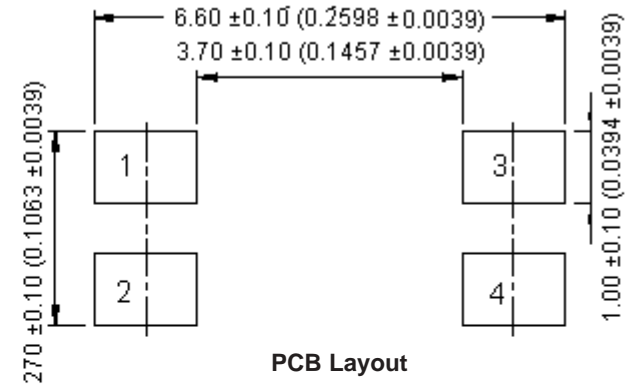
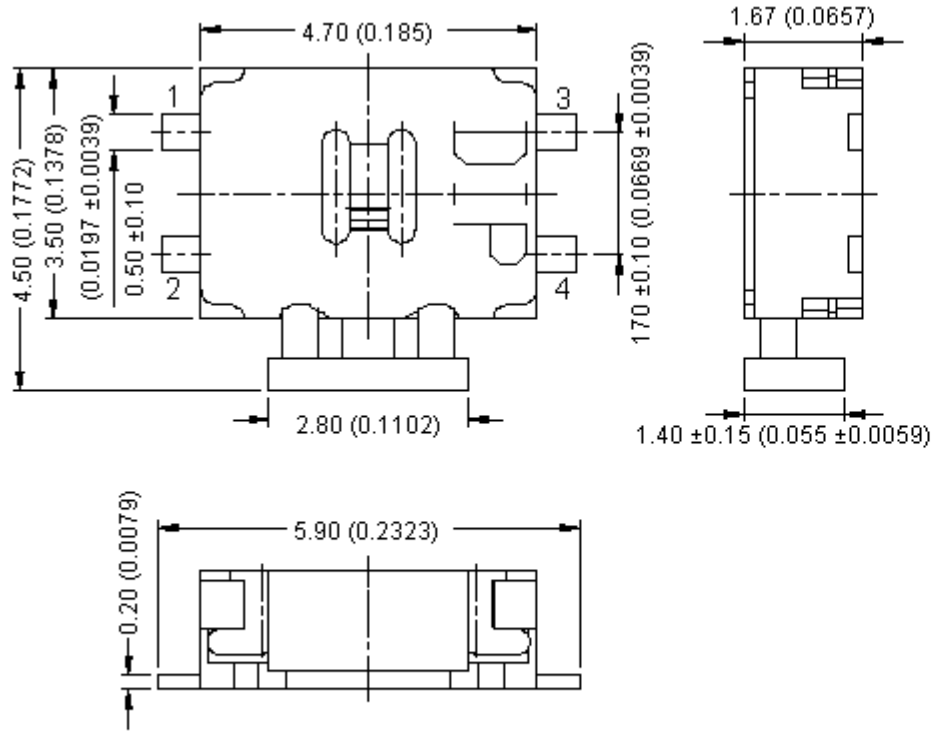
PART NO.

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



Circuit Diagram

Dimensions : Millimetres (Inches)

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DRAWING TITLE:			
TACT Switch - Horizontal - SMD			
SIZE	DWG NO.	ELECTRONIC FILE	REV
A	M10001226	PT-V_DWG	A
SCALE: NTS	U.O.M.: mm (Inches)	SHEET: 1 OF 3	



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**Specifications:**

**Mechanical:**

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

Stroke : 0.30 <sup>+0.10mm</sup> Side push  
<sub>-0.15mm</sub>  
 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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<b>SCALE: NTS</b>		<b>U.O.M.: mm (Inches)</b>	<b>SHEET: 2 OF 3</b>



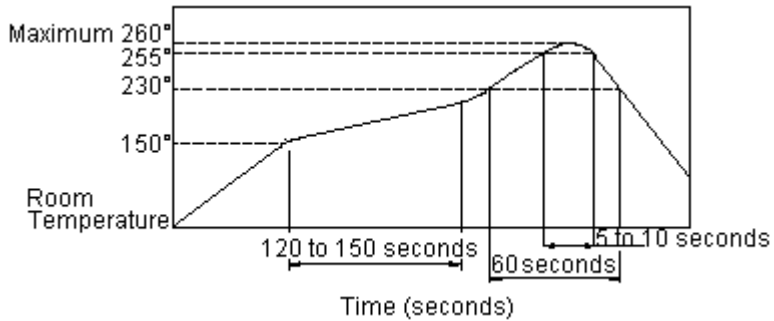
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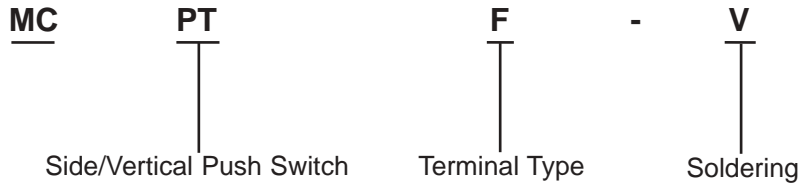
Temperature Profile:



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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