



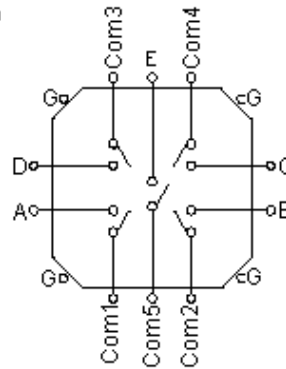
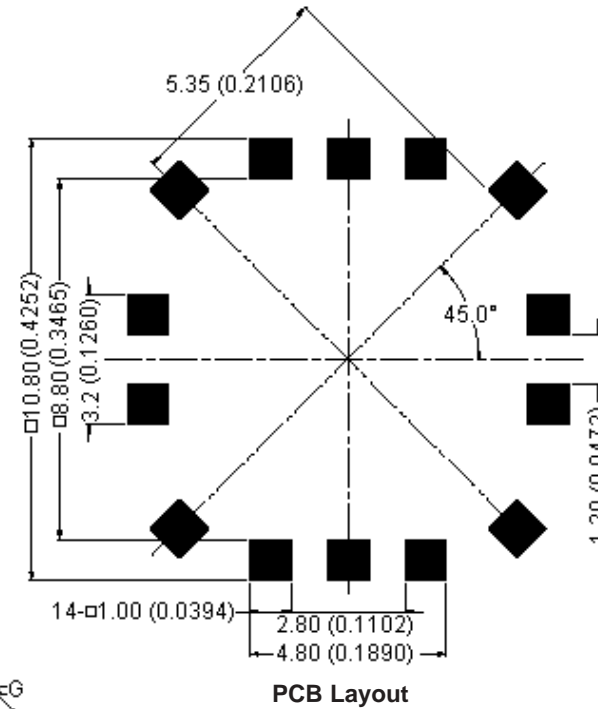
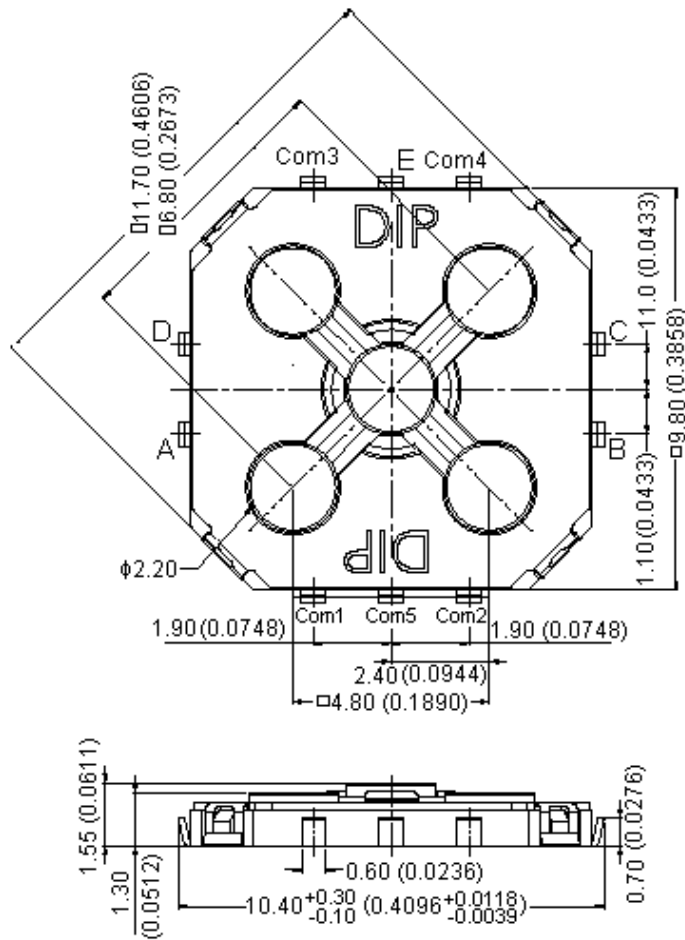
PART NO.

MCTT5-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

MCTT5



Circuit

Dimensions : Millimetres (Inches)

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DRAWN BY:

Geetha

DATE:

03/06/08

CHECKED BY:

Suresh

DATE:

03/06/08

APPROVED BY:

G.Cook

DATE:

17/06/08

DRAWING TITLE:

Navigation Switch - Multidirectional

SIZE
A

DWG NO.

M10001229

ELECTRONIC FILE
TT5-V_DWGREV
A

SCALE: NTS

U.O.M.: mm (Inches)

SHEET: 1 OF 3



PART NO.

MCTT5-V

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Specifications:**Mechanical:**

Operating force : Side : 180 ±60gf.
Center : 320+80/-60gf.
Stroke : 0.25 ±0.15mm.
Operating temperature range : -20°C to +70°C.
Storage temperature range : -40°C to +85°C.

Electrical:

Electrical life : 200,000 cycles.
Rating : 50mA, 12V dc.
Maximum contact resistance : 100mΩ.
Minimum insulation resistance : 100MΩ at 500V dc.
Dielectric strength : 250V ac/1minute.
Contact arrangement : 1 pole 1 throw.

Material:

Base : High-temperature thermoplastic.
Cover : Nickel silver.
Stem : High-temperature thermoplastic
Color : Black
Contact disc : Stainless with silver cladding.
Terminal : Brass with silver plated.
Tape : Teflon.

Soldering Process:

Hand Soldering : Use a soldering iron of 30 watts, controlled at 350°C approximately maximum 5 seconds.
Reflow Soldering : When applying reflow soldering, the peak temperature or the reflow oven should be set at 260°C maximum.

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ELECTRONIC FILE
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SCALE: NTS

U.O.M.: mm (Inches)

SHEET: 2 OF 3



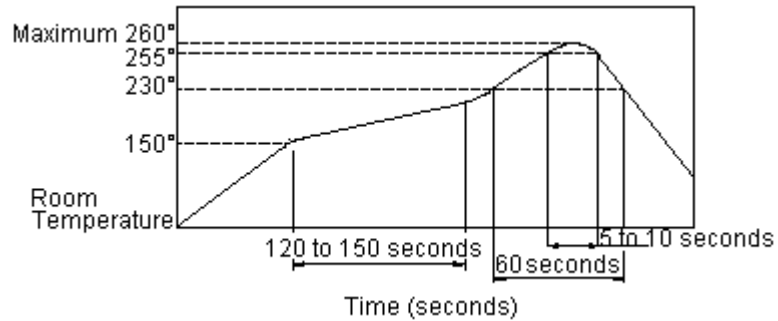
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Reflow Temperature Profile:



Part Number Table

Description	Part Number
Navigation Switch, 5 Way Micro SMD	MCTT5-V

Part Number Explanation:

MCTT5

-

V

Thinner Multi Function Tact Switch

Soldering

Soldering

: V = Lead Free Solderable.

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

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Navigation Switch - Multidirectional

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SHEET: 3 OF 3