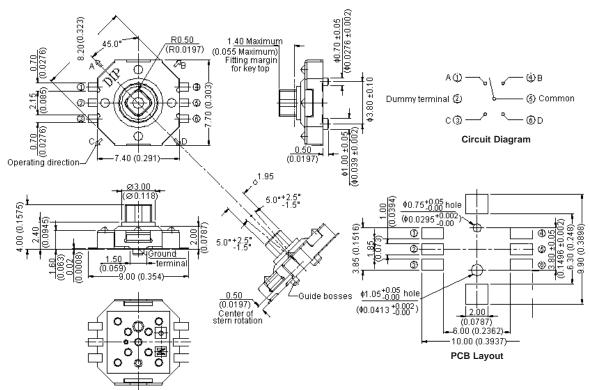


PART NO.

MCMT4 - Series

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

MCMT4-F



Dimensions : Millimetres (Inches)

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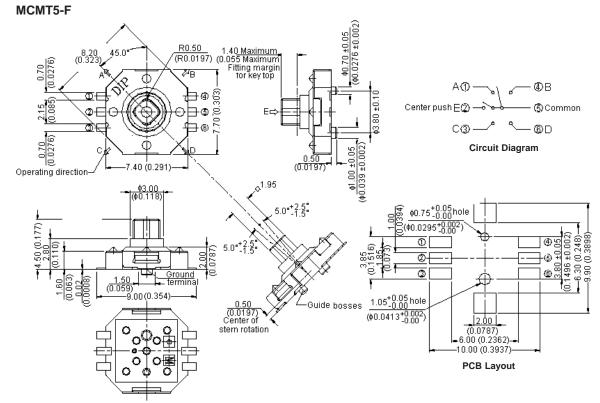
DRAWING TITLE:								
Navigation Switch - Multidirectional								
SIZE A	DWG NO.	ľ	M10001223		TRONIC FII 1-V_DWG	LE		REV A
SCAL	E: NTS		U.O.M.: mm (Inches)		SHEET:	1	OF	4
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PART NO.

MCMT4 - Series

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Dimensions : Millimetres (Inches)

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Suresh	03/06/08
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G.Cook	17/06/08

DRAWING TITLE:

Navigation Switch - Multidirectional

SIZE DWG NO. M10001223 ELECTRONIC FILE MT5.4-V_DWG A

SCALE: NTS U.O.M.: mm (Inches) SHEET: 2 OF 4



PART NO.

MCMT4 - Series

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Specifications:

Mechanical:

Operating force : 4-direction: 160gf.

Center push : 320

Stroke : 4-direction: 5°+2.5°/-1.5°mm.

Center push : 0.25+0.1/-0.2mm.

Operating temperature range : -25°C to +85°C.

Electrical:

Electrical life : 100,000 cycles. Rating : 50mA, 12V dc. Maximum contact resistance : $100m\Omega$.

 $\begin{array}{ll} \mbox{Minimum insulation resistance} & : 100 \mbox{M}\Omega \mbox{ at } 100 \mbox{V dc.} \\ \mbox{Dielectric strength} & : 250 \mbox{V ac/1 minute.} \\ \mbox{Contact arrangement} & : 1 \mbox{ pole 1 throw.} \end{array}$

Material:

Cover : Nickel silver.

Center stem : Nylon high-temperature thermoplastic.

5Directions color : Black.

4Directions color : Brown.
Four way stem : Nylon high-temperature thermoplastic.

Contact : Stainless with silver cladding.
Terminal : Brass with silver plated.

Soldering Process:

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

Reflow Soldering : When applying reflow soldering, the peak temperature or the reflow over should be set to 260°C maximum.

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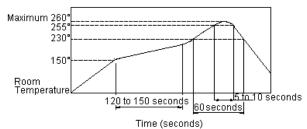
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Ξ:	DRAWING TITLE:								
8	Navigation Switch - Multidirectional								
Ξ:	SIZE	DWG NO.			ELEC	TRONIC FIL	E		REV
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8	SCAL	E: NTS		U.O.M.: mm (Inches)		SHEET:	3	OF	4



Temperature	Profile:
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Part Number Table



Description	Part Number
Navigation Switch, 4 Way SMD	MCMT4-F-V
Navigation Switch, 5 Way SMD	MCMT5-F-V

Part Number Explanation:



Soldering: V = Lead Free Solderable.

http://www.farnell.com

APPRVD

G. C

DATE

17/6/08

http://www.newark.com

http://www.cpc.co.uk

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Suresh	03/06/08
APPROVED BY:	DATE:
G.Cook	17/06/08

DRAW	DRAWING TITLE:								
N			avigation Switch - Multidirectional						
size A	DWG NO.	ſ	M10001223		ELECTRONIC FILE MT5.4-V_DWG			REV A	
SCALE: NTS		U.O.M.: mm (Inches)		SHEET:	4	OF	4		