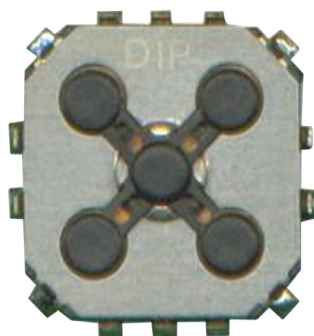


Navigation Switch

Multidirectional



Specifications:

Mechanical:

Operating Force : Side	: 180 ±60gf
Centre	: 320+80/-60gf
Stroke	: 0.25 ±0.15mm
Operating Temperature Range	: -20°C to +70°C
Storage Temperature Range	: -40°C to +85°C
Terminal Type	: Surface Mount
Switch Terminals	: PCB, Solder
No. of Directions	: 5
External Depth	: 9.8mm
External Width	: 9.8mm
Height	: 1.3mm
No. of Ways	: 3

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
Contact Configuration	: SPST

Material:

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

Soldering Process:

Hand Soldering

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

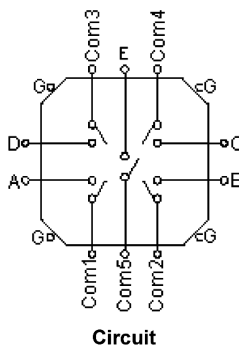
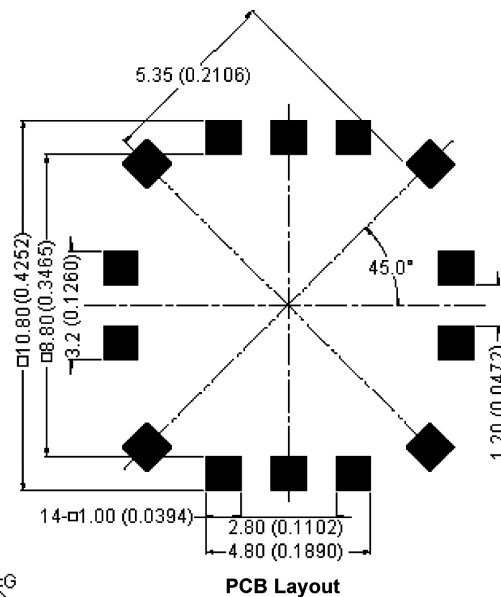
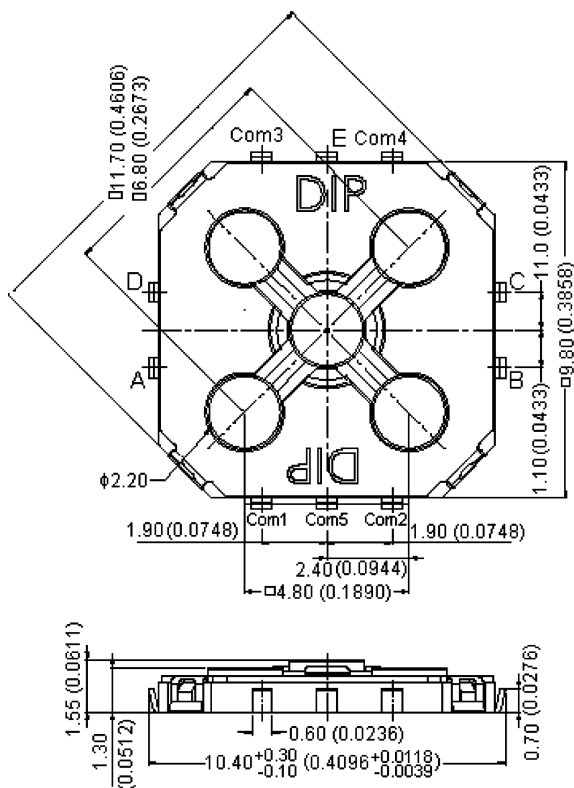
Reflow Soldering

: When applying reflow soldering, the peak temperature or the reflow oven should be set at 260°C maximum

Navigation Switch Multidirectional

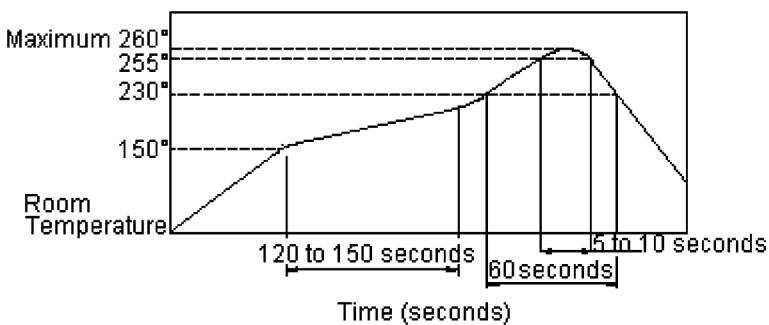


MCTT5



Dimensions : Millimetres (Inches)

Reflow Temperature Profile:



Part Number Table

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

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp is the registered trademark of the Group. © Premier Farnell plc 2012.

www.element14.com
www.farnell.com
www.newark.com

