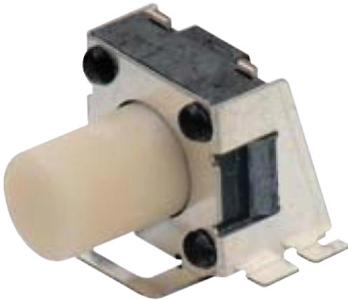


RoHS
Compliant



Specifications

Mechanical:

Operating Force	: 180 ±50gf, white (W) 260 ±50gf, red (R)
Minimum Stroke	: 0.15mm.
Operating Temperature Range	: -25°C to +70°C
Storage Temperature Range	: -30°C to +80°C

Electrical:

Electrical Life	: 200,000 cycles.
Rating	: 1.5mA, 5V DC
Max. Contact Resistance	: 100mΩ.
Min. Insulation Resistance	: 100MΩ at 500V DC
Dielectric Strength	: 250V AC/1 minute.
Contact Arrangement	: 1 pole 1 throw.

Material:

Cover	: Stainless steel.
Stem	: Nylon high-temperature thermoplastic
Colour	: White (180gf), Red (260gf).
Contact	: Stainless with silver plating.
Block	: Nylon high-temperature thermoplastic
Colour	: Black.
Seal	: Silicone rubber.
Base	: LCP high-temperature thermoplastic
Colour	: Black.
Terminal	: Brass with silver plating.

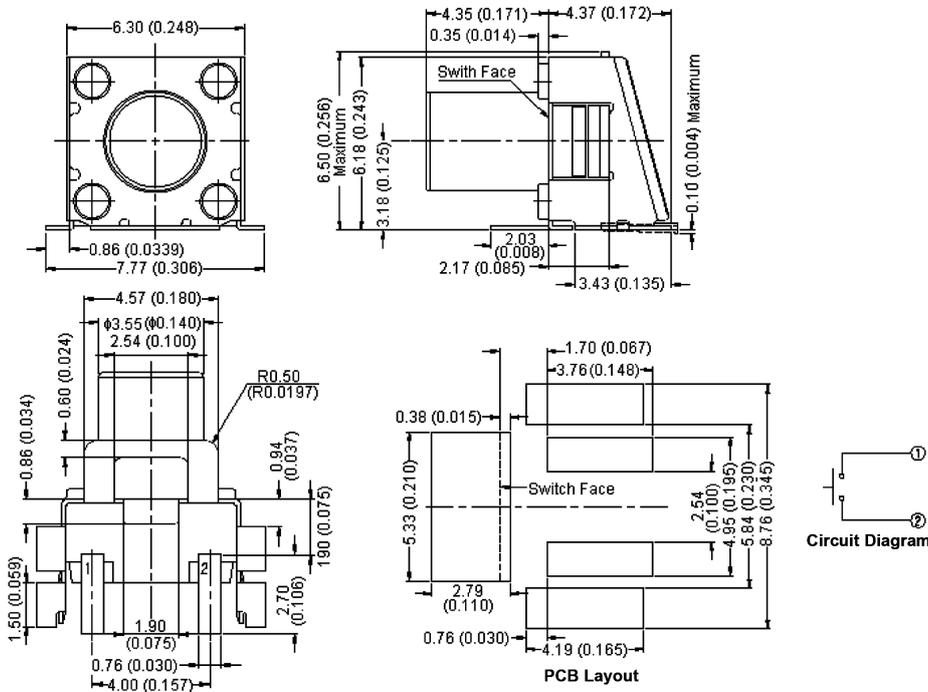
Soldering Process:

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

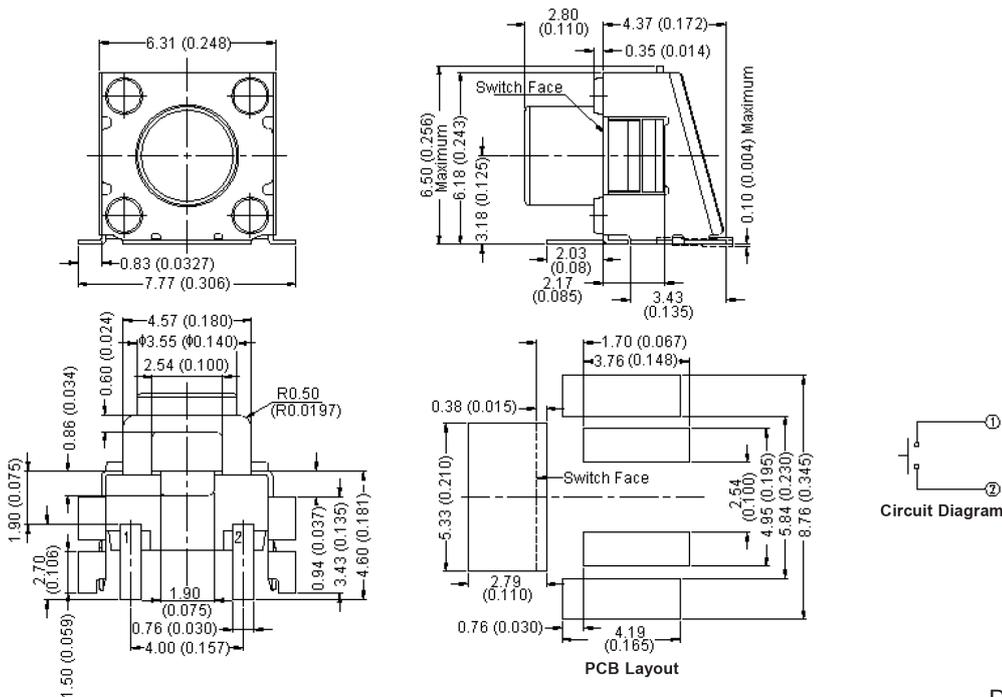
TACT Switches - Right Angle

Diagram

MCTA3-1



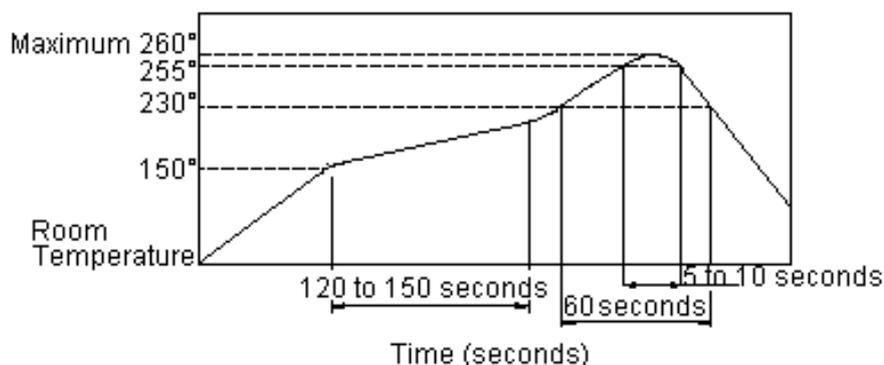
MCTA3-2



Dimensions : Millimetres (Inches)

Newark.com/multicomp-pro
 Farnell.com/multicomp-pro
 Element14.com/multicomp-pro

Temperature Profile:



Part Number Table

Description	Part Number
Switch, Tactile, R/A, 2.3mm	MCTA3-3R2-V
Switch, Tactile, R/A, 2.8mm	MCTA3-2R2-V
Switch, Tactile, R/A, 4mm	MCTA3-4R2-V
Switch, Tactile, R/A, 4.35mm	MCTA3-1R2-V
Switch, Tactile, R/A, 2.3mm	MCTA3-3R3-V
Switch, Tactile, R/A, 2.8mm	MCTA3-2R3-V
Switch, Tactile, R/A, 4mm	MCTA3-4R3-V
Switch, Tactile, R/A, 4.35mm	MCTA3-1R3-V

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