Tactile Switches

multicomp PRO

Specifications

Mechanical

Stop Strength	: Max. 3kgf vertical static load continuously for 15 seconds
Stroke	: (12×12) 0.35±0.1mm
Operation Temperature	: -25°C to +70°C
Storage Temperature	: -30°C to +80°C

Electrical

Rating	: 50mA , 12V DC
Contact Resistance	: 100mΩ max.
Insulation Resistance	: 100MΩ min. at 500V DC
Dielectric Strength	: 250V AC / 1 minute
Contact Arrangement	: 1 pole 1 throw

Materials

Cover	: Stainless Steel
Contact Disc	: Stainless steel with silver cladding.
Terminal	: Brass with silver plated.
Base	: UL94V-0 Nylon High-Temp. Thermoplastic
Stem	: UL94V-0 Nylon High-Temp. Thermoplastic

Diagram

CIRCUIT DIAGRAM

P.C.B. LAYOUT

Dimensions : Millimetres (Inches)
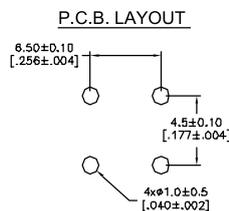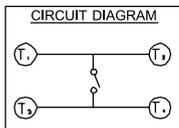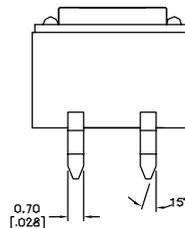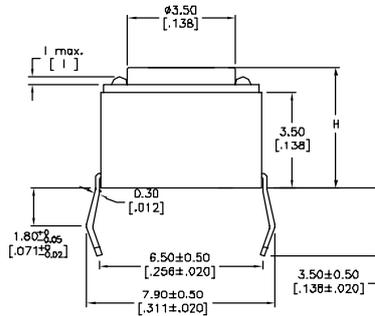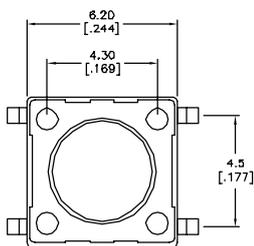
Part Number	Dimension I	Dimension H
MC32860	0.5mm Max. [0.0197″]	4.3mm [169″]
MC32861		
MC32828		
MC32862	0.6mm Max. [0.0236″]	5mm [0.197″]
MC32863		
MC32829		
MC32864		
MC32867		9.5mm [0.374″]
MC32830		
MC32831		13mm [0.512″]

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Specification Table

Part Number	Operating Force Max.	Colour	Electrical Life	Dome Material
MC32860	100gf	Black	1,000,000 Cycles	Stainless Steel
MC32861	160gf	Brown	1,000,000 Cycles	Stainless Steel
MC32828	160gf	Brown	200,000 Cycles	Phosphor Bronze
MC32862	100gf	Black	1,000,000 Cycles	Stainless Steel
MC32863	160gf	Brown	1,000,000 Cycles	Stainless Steel
MC32829	160gf	Brown	200,000 Cycles	Phosphor Bronze
MC32864	260gf	Red	500,000 Cycles	Stainless Steel
MC32867	100gf	Black	1,000,000 Cycles	Stainless Steel
MC32830	160gf	Brown	200,000 Cycles	Phosphor Bronze
MC32831	160gf	Brown	200,000 Cycles	Phosphor Bronze

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