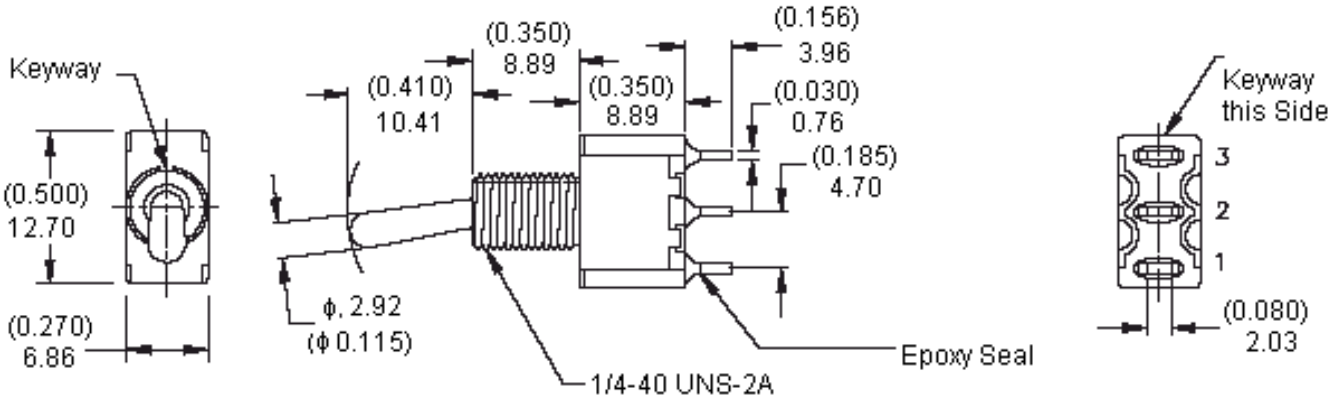
Toggle Switch
Solder Lug Terminals

Specifications:

Contact Rating	: 5Amps with resistant load at 120V AC or 28V DC 2A with resistant load at 250V AC 0.4 volt-amps (VA) maximum at 20V maximum (AC or DC)
Electrical Life	: 40,000 make-and-break cycles at full load
Contact Resistance	: 10mΩ max. initial at 2 - 4V DC 100mA for both silver and gold plated contacts
Insulation Resistance	: 1,000MΩ min.
Dielectric Strength	: 1,000V RMS at sea level
Operating Temperature	: -30°C to +85°C
Materials:	
Case	: Dially phthalate (DAP)
Actuator	: Brass, Chrome plated
Bushing	: Brass, Nickel plated
Housing	: Stainless Steel
Switch Support	: Brass or steel, tin plated
Terminal/Contact	: Silver or gold plated

Pole Option

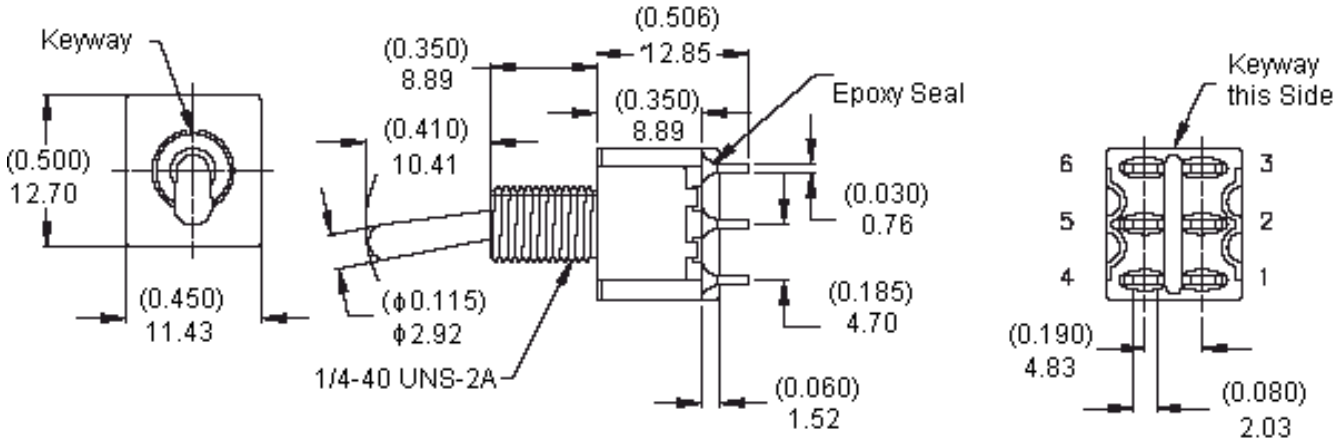
M1QE SPDT



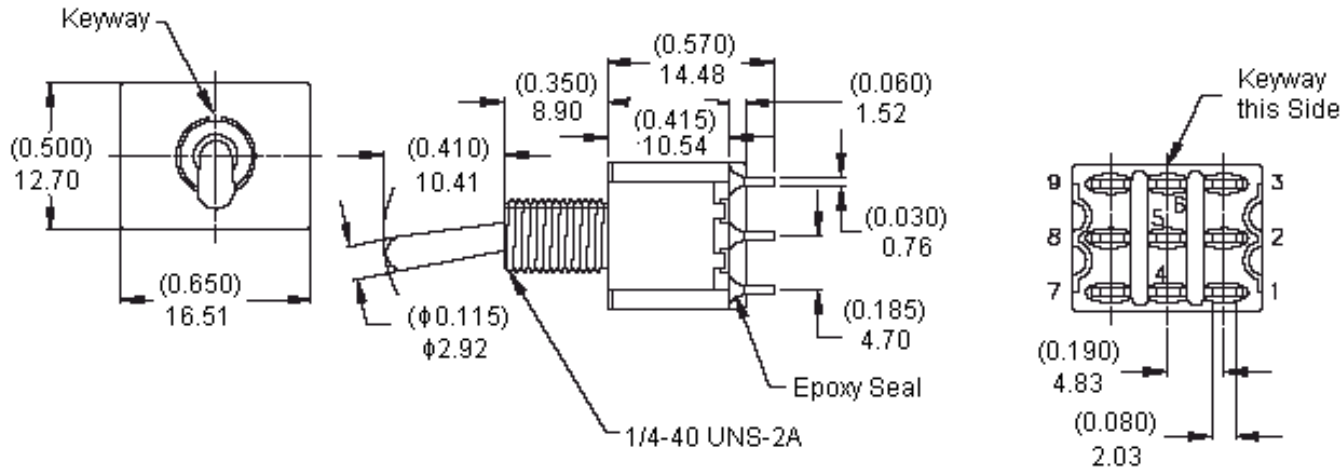
Dimensions : Inches (Millimetres)

Pole Option

M1QE DPDT



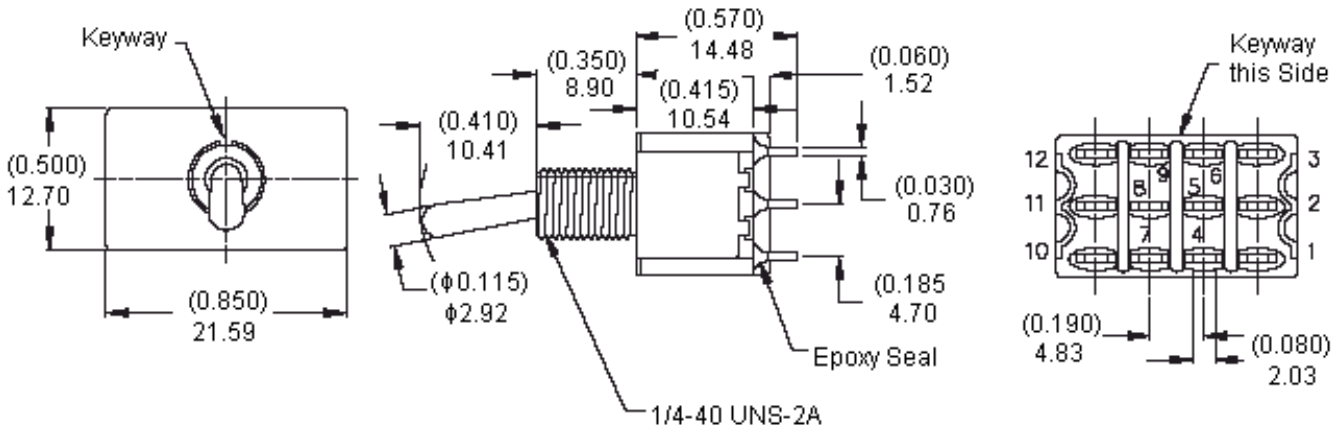
3PDT



Dimensions : Inches (Millimetres)

Toggle Switch
Solder Lug Terminals

4PDT



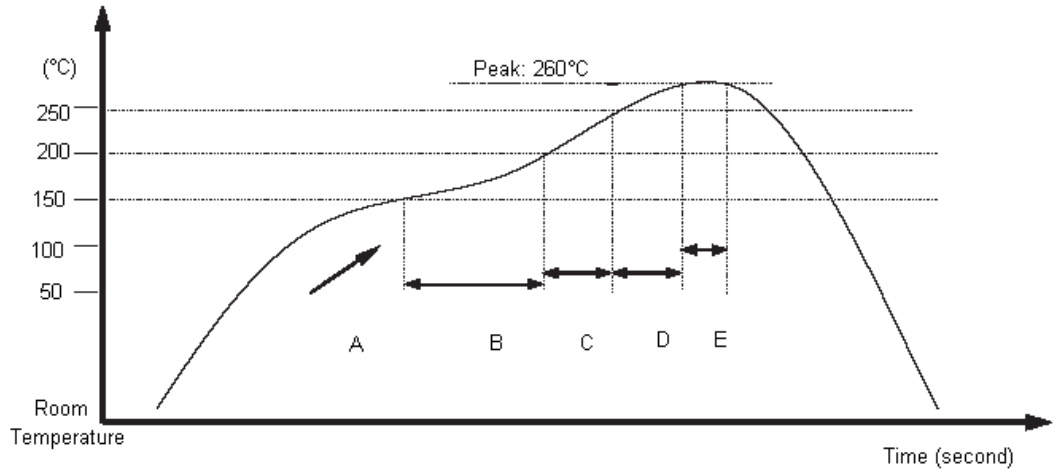
Soldering Process:

Manual soldering: Use soldering iron of 30 watts, controlled at 350°C approximately 5 seconds while applying solder

Wave soldering:

Recommended soldering temperature : Recommended soldering temperature : 260 ±5°C
Duration of solder immersion : 5 ±seconds (PCB is 1.6mm in thickness)

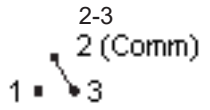
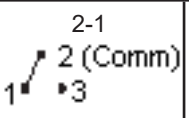
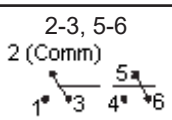
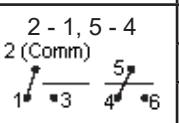
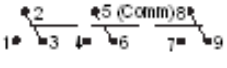
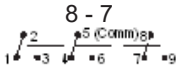
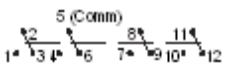
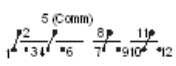
Temperature Profile		
Zone	**Room Temperature (°C)**	**Time (seconds)**
Pre-heat (A)	150°C	Minimum 120
Soak (B)	180°C to 200°C	Minimum 150
Peak (C)	200°C to 235°C	Minimum 30
Peak (D)	235°C to 260°C	Minimum 40
Peak (E)	260°C	Maximum 10



Toggle Switch
Solder Lug Terminals

multicomp PRO

Specifications

Number of Poles	Switch Function			Connected Terminals/Schematic			Model Number
	Position 1	Position 2	Position 3	Position 1	Position 2	Position 3	
							
SP	On	None	Mom		N/A		1MS2
	Mom	Off			Open		1MS4
	On						1MS5
DP	On	None	Mom		N/A		1MD2
	Mom	Off	Mom		Open		1MD4
	On	Off	Mom				1MD5
	On	On	On	2-3, 5-6	2-3, 5-4	2 - 1, 5 - 4	1MD6
3P	On	None	Mom		N/A		1M32
	On	None	On				1M31
	Mom	Off	Mom		Open		1M34
	On	Off	On				1M33
	On	Off	Mom				1M35
4P	On	None	Mom		Open		1M42
	On	None	On				1M41
	Mom	Off	Mom				1M44
	On	Off	On				1M43
	On	Off	Mom				1M45
	On	On	On	2 - 3, 5 - 6, 8 - 9, 11 - 12	2 - 3, 5 - 4, 8 - 9, 11 - 10	2 -1, 5 - 4, 8 - 7, 11 -10	1M46

Mom = Momentary

Part Number Table

Description	Part Number
Switch, Solder Tag, SPDT, On-Mom	1MS2T1B5M1QE
Switch, Solder Tag, SPDT, Mom-Off-Mom	1MS4T1B5M1QE
Switch, Solder Tag, SPDT, On-Off-Mom	1MS5T1B5M1QE
Switch, Solder Tag, DPDT, On-Mom	1MD2T1B5M1QE
Switch, Solder Tag, DPDT, Mom-Off-Mom	1MD4T1B5M1QE
Switch, Solder Tag, DPDT, On-Off-Mom	1MD5T1B5M1QE
Switch, Solder Tag, DPDT, On-On-On	1MD6T1B5M1QE
Switch, Solder Tag, 3PDT, On-Mom	1M32T1B5M1QE
Switch, Solder Tag, 3PDT, On-On	1M31T1B5M1QE
Switch, Solder Tag, 3PDT, Mom-Off-Mom	1M34T1B5M1QE
Switch, Solder Tag, 3PDT, On-Off-On	1M33T1B5M1QE
Switch, Solder Tag, 3PDT, On-Off-Mom	1M35T1B5M1QE
Switch, Solder Tag, 4PDT, On-Mom	1M42T1B5M1QE
Switch, Solder Tag, 4PDT, On-On	1M41T1B5M1QE
Switch, Solder Tag, 4PDT, Mom-Off-Mom	1M44T1B5M1QE
Switch, Solder Tag, 4PDT, On-Off-On	1M43T1B5M1QE
Switch, Solder Tag, 4PDT, On-Off-Mom	1M45T1B5M1QE
Switch, Solder Tag, 4PDT, On-On-On	1M46T1B5M1QE