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SPECIFICATIONS : A pushbutton switch is a manually actuated switching device which employs a button or similar structure which is depressed to select among successive switch positions. Conventional pushbutton switches are provided with a dielectric housing in which pins are mounted. A spring-biased actuator is movably mounted in the housing and it carries contact members thereon for electrical engagement with the pins to perform switching functions. A pushbutton switch having more than one switch position is known as a multistep switch. A low profile pushbutton switch is one that has a minimal side profile to save space in the vertical dimension. Illuminated-type pushbutton switches is designed to enable an operator to easily recognize such an indication symbol and to provide input for an apparatus with reliability during the night or in dark places.

Contact Material Silver plated Code 1	
Fixed Terminal:	Silver plated over copper alloy
Moving Contact:	Silver plated over copper alloy
Contact Rating:	3A with resistive load 120VAX or 28VDC
	1A with resistive load 250VAC

Contact Material Gold plated Code 2	
Fixed Terminal:	Copper Alloy with gold plated over nickel plated
Moving Contact:	Copper Alloy with gold plated over nickel plated
Contact Rating:	0,4 Volt-Amps (VA max. @ 20V max.AC or DC

Electrical Specifications and Material	
Electrical Life:	50.000 make and break cycles at full load
Contact Resistance:	10mΩ max. initial @2-4VDC. 100mA for both silver and gold plated contacts.
Insualtion Resistance:	1000M Ω min.
Dielectric Strength:	1000V RMS min. @ sea level
Operating Temperature	. -30℃ to +130℃
Case:	Diallyl phthalate (DAP) (UL94V-0)
Actutator:	Glass filled Nylon or Glasd filled Polyester
Housing:	Stainless steel
Bushing:	Brass, nickel plated
Switch Support:	Brass,tin plated
Terminal/Contact:	Silver or gold plated
Terminal Seal:	Epoxy

Standard Size Push Button

Part No.: **Q51A1005**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	10.04.2009
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 5

Customer:

www.edcon-components.com

email: info@edcon-components.com

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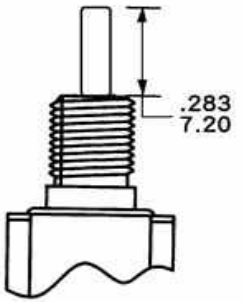
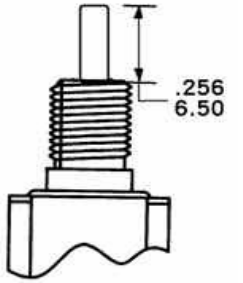
Actuator Options

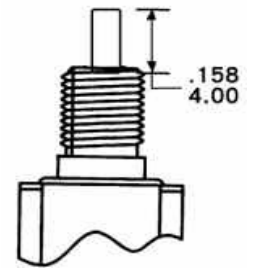
Type A



Type B

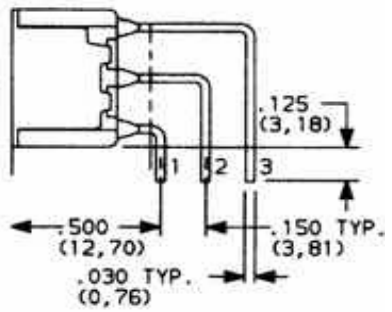


Type C



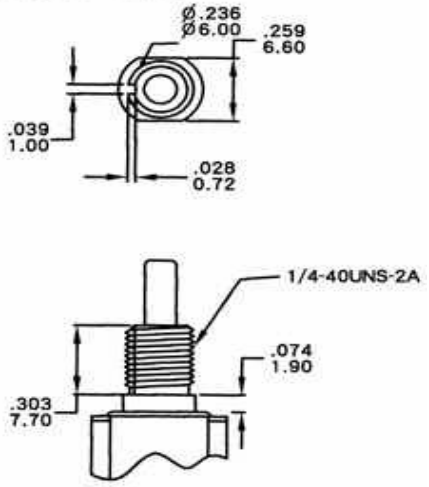
Terminations Options

Type 1

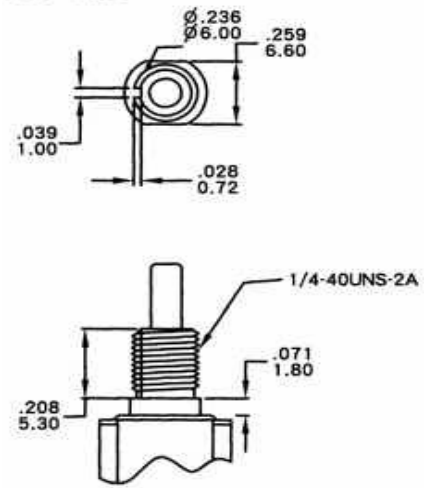


Bushing Options

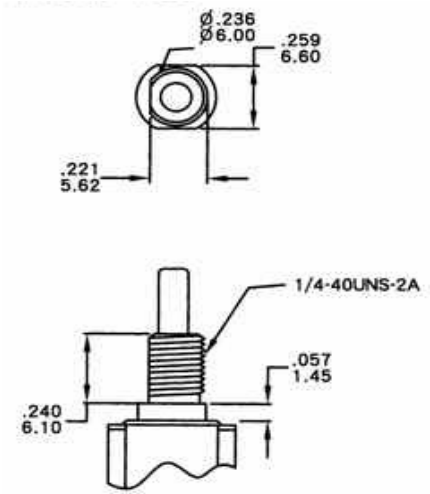
Type A



Type B



Type C



Standard Size Push Button

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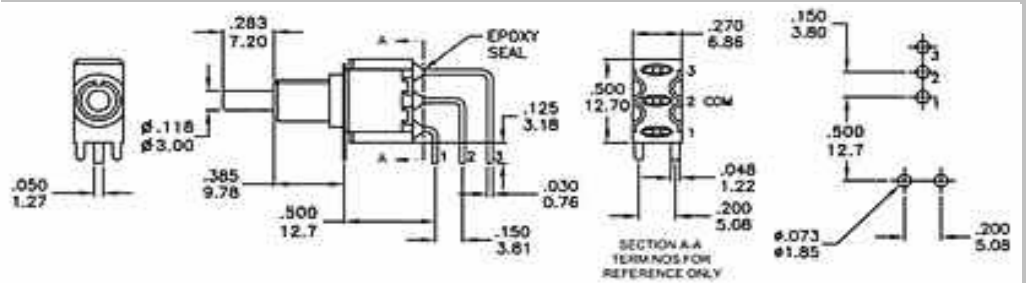
Connection

No of Poles	Connection Code	Switch function		Connecting Terminals	
		Pos.1	Pos.2	Pos.1	Pos.2
					
SP	Type A	OFF	ON	.2-3	.2-1

Technical Drawing



Standard Size Push Button

Part No.: **Q51A1005**

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Ordering Informations

Serie	Connection code	Contact Material	Actuator	Terminations Options	Bushing Options	Seal	ROHS	Packing		
Q51A1005	**A**	**1**	**A**	**1**	**A**	**A**	**R**	**BU1**		
	A= Type A	**1=** Silver	**A=** Type A	**1=** Type 1	**A=** Type A	**A=** Epoxy	**R=** Rohs conform	**BU1=** 100PCS per Bag		
		2= Gold plated	**B=** Type B		**B=** Type B	**B=** No Epoxy	**N=** NON Rohs conform			
			C= Type C		**C=** Type C					

Standard Size Push Button

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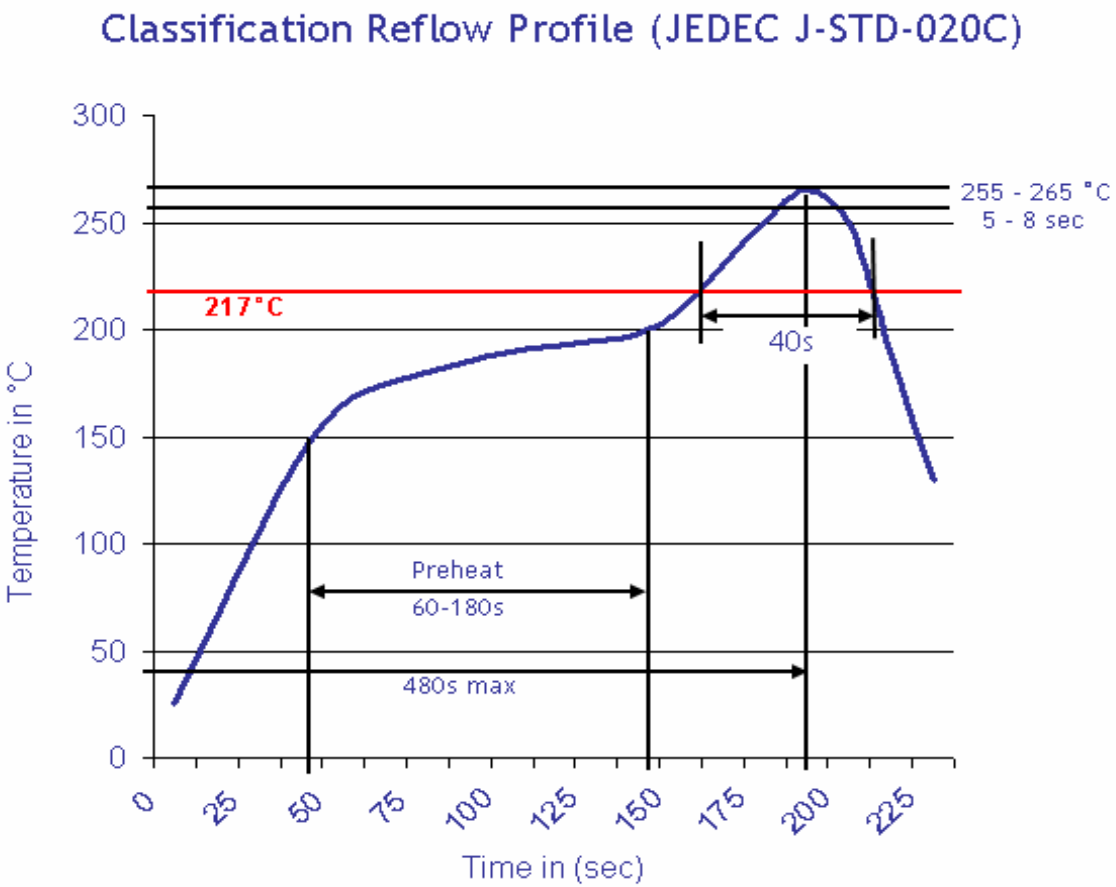
Customer:

Lead Free Soldering curve



Standard Size Push Button

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