

EDCON-COMPONENTS



SPECIFICATIONS : Slide switches are known for providing selection of two or more switch positions for engagement of respective switch contacts. Electrical slide switches have long been used to control the operation of many devices, including volume and other controls for audio & video equipment, dimmer controls for lights among a multitude of other daily electrical products. Such slide switches have also been used for controlling the operating speed of many kinds of variable speed hand tools. In electrical slide switches a slide member is slidably repositionable to affect a switching action.

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

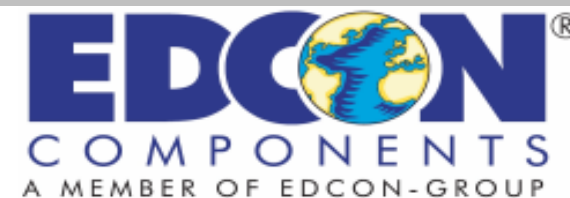
Electrical Life: 30.000 make and break cycles at full load
 Contact Resistance: 20mΩ max. initial @2-4VDC. 100mA for both silver and gold plated contacts.
 Insulation Resistance: 1000M Ω min.
 Dielectric Strength: 1000V RMS min. @ sea level
 Operating Temperature: -30°C to +130°C
 Case: Diallyl phthalate (DAP) (UL94V-0)
 Actuator: Nylon, Black Standard
 Housing: Stainless steel
 Switch Support: Brann,tin plated
 Terminal/Contact: Silver or gold plated
 Terminal Seal: Epoxy

Miniatur SLIDE-SWITCH

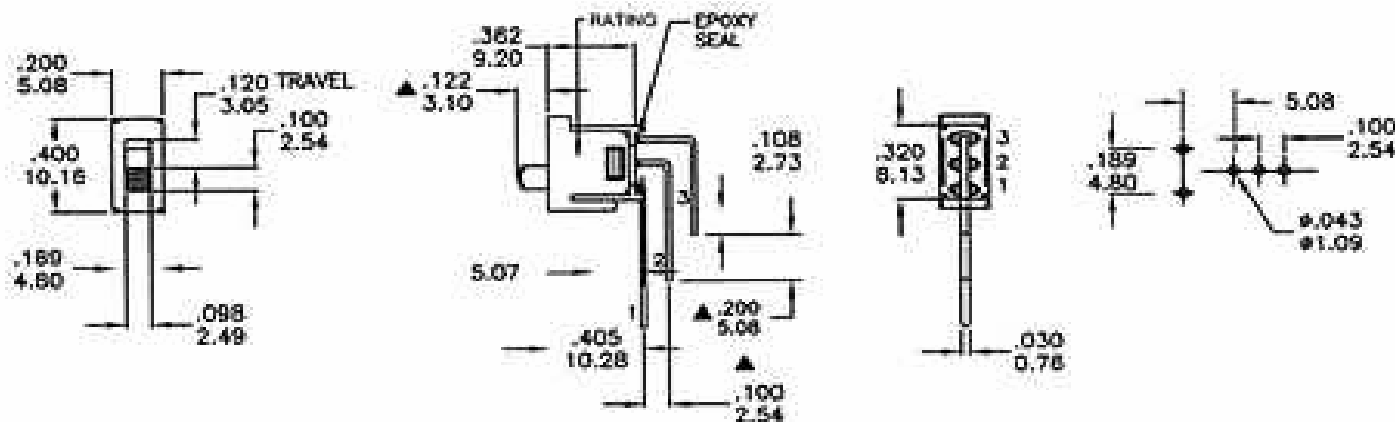
Part No.: **Q52A2003**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	10.04.2009
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 4

Customer:



Technical Drawing



Miniatur SLIDE-SWITCH

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Connected Terminals Chematic

Switch function	Pos.1	Pos2	Pos3	Pos 1	Pos 2	Pos 3
A2	ON	NONE	ON	.2-1	OPEN	.2-3
A3	ON	OFF	ON			

Ordering Informations

Serie	Switch function	ACTUATOR	CONTACT MATERIAL	SEAL	ROHS	Packing				
Q52A2003	B	1	1	A	R	BU1				

B= A2	1= C1	1= Silver	A= Epoxy	R= Rohs conform N= NON Rohs conform	BU1= 100PCS per Bag
C= A3	2= C2	2= Gold plated	B= No Epoxy		
	3= C3				
	4= C4				

Miniatur SLIDE-SWITCH

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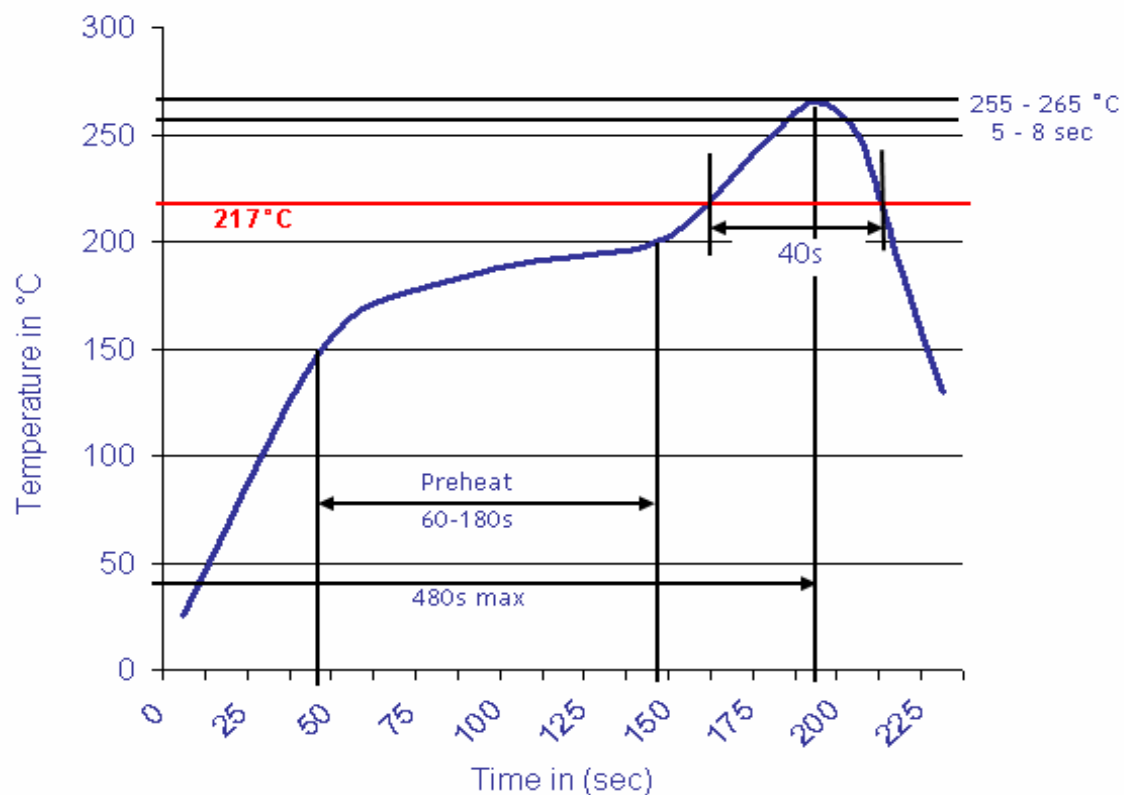
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Lead Free Soldering curve

Classification Reflow Profile (JEDEC J-STD-020C)



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