

EDCON-COMPONENTS



SPECIFICATION:

Voltage Rating: 12VDC
 Current Rating: 50mA
 Mechanical Life: 30000cycles
 Contact Resistance: 100m Ω max. (initial)
 Insulation Resistance: 100M Ω min. 500VDC
 Dielectric Strength: 250VAC/1min.
 Operating Temperature: $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$

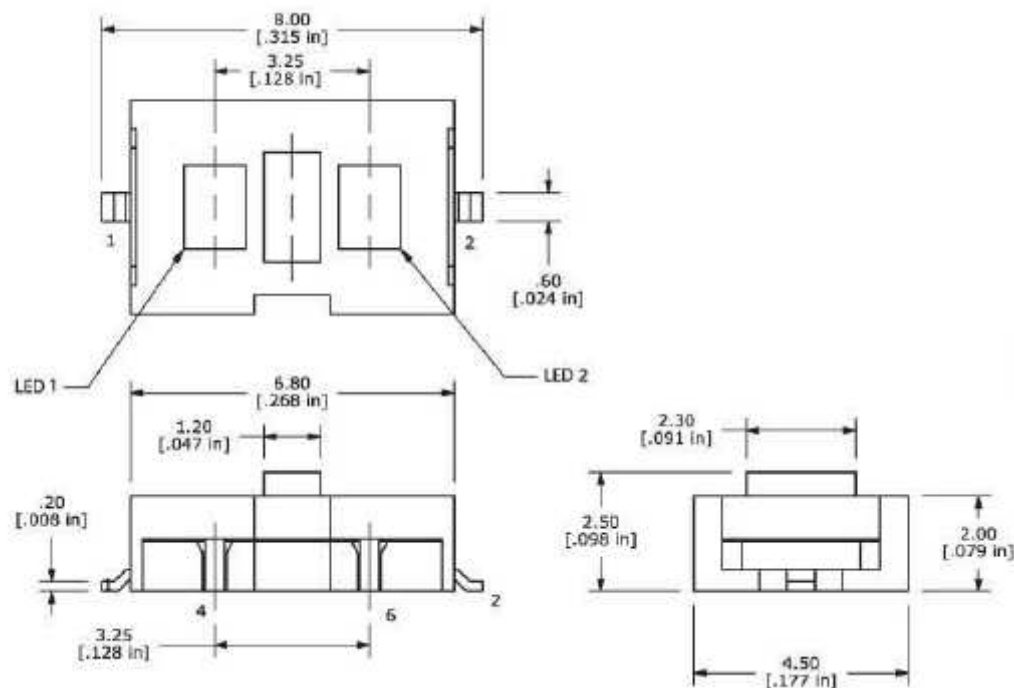
Operating Force: 160gr. +75gr - 30gr,
 Travel: 0,25mm +0,2 / -0,1mm

Dual LED
 Single or Dual Color option

Material

1	Cover	Nylon
2	Actuator	LCP
3	Base	LCP
4	Terminals:	Copper Alloy, silver plated

Drawing



SMD Tact Switch

Part No.: **Q12109**

Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	01.07.2016
APPD:	Schumi			FINISH	Jamy		Sheet No.	1 from 4	

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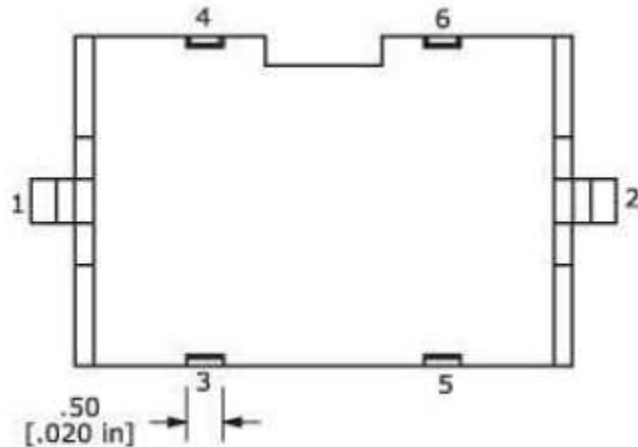
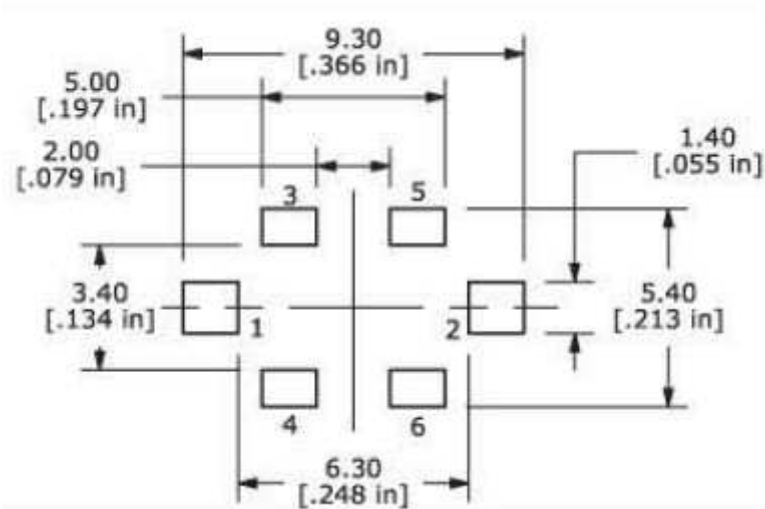
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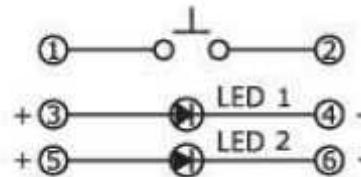
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PCB-Layout



LED-specifications	Units	Blue	Red	Green	Yellow	White
Forward Current	mA	20	20	20	20	20
Forward Voltage	V	2,8~3,3	1,95~2,5	2,1~2,5	2,0~2,5	3,3~4,0
Luminous Intensity	mcd	80	230	50	160	300



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Ordering Informations

Serie	Total Height	Contact Material	Operating Force	Electrical life	LED 1	LED 2	ROHS	Packing		
Q12109	025	S	161	303	N	N	R	TR		

025 = 2,5mm	S = Silver	161 = 160gr	303 = 30000 Cycles	N = Without LED	N = Without LED	N = Non ROHS	TR = Tape/Reel Packing
				R = Red	R = Red	R = ROHS conform	
				G = Green	G = Green		BU = Bulk Ware
				Y = Yellow	Y = Yellow		
				B = Blue	B = Blue		
				W = White	W = White		

SMD Tact Switch

Part No.: **Q12109**

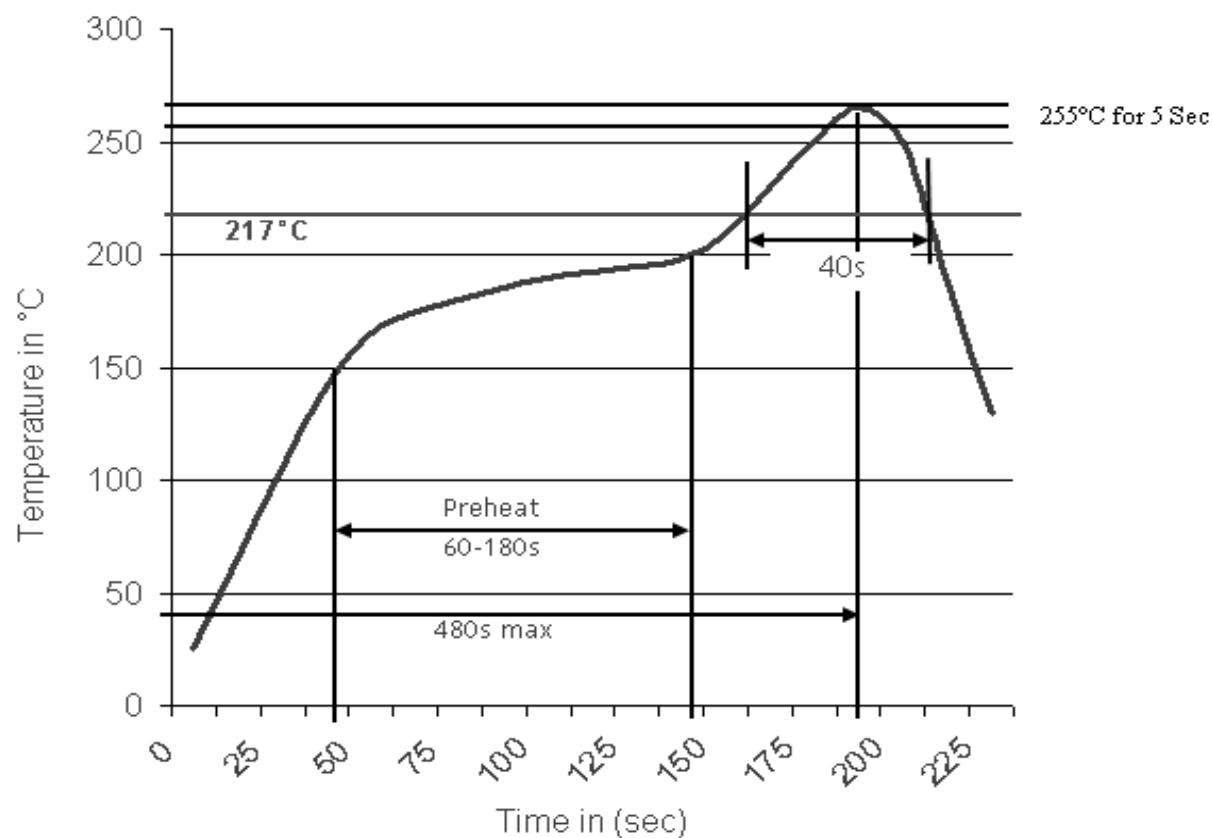
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APPD:	Schumi			FINISH	Jamy		Sheet No.	3 from 4	



Soldering Profile Curve

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

**SMD Tact Switch**Part No.: **Q12109**

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