

EDCON-COMPONENTS



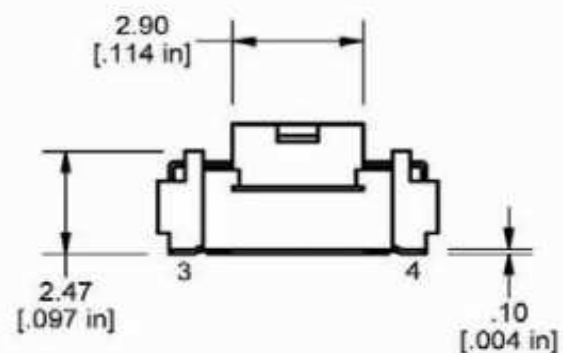
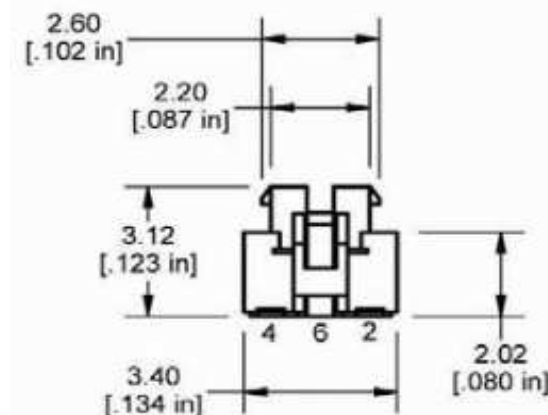
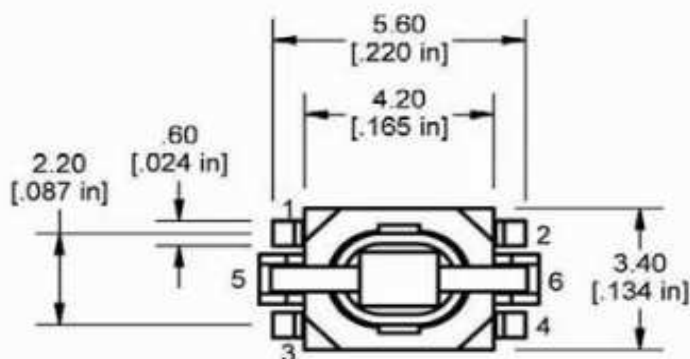
SPECIFICATION:

Voltage Rating: 12VDC
 Current Rating: 50mA
 Mechanical Life: 100.000cycles
 Contact Resistance: 500m Ω max. (initial)
 Insulation Resistance: 100M Ω min. 100VDC
 Dielectric Strenght: 250VAC/1min.
 OperatingTemperature: -20°C ~ +70°C
 StorageTemperature: -30°C ~ +80°C
 Operating Force: 160gr. $\pm$ 50gr
 Travel: 0,2mm $\pm$ 0,1mm
 Dual LED
 Single or Dual Color option
 Tape/Reel: 2500PCS

Material

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

Drawing



SMD Tact Switch

Part No.: **Q12112**

Customer:

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

www.edcon-components.com

email: info@edcon-components.com

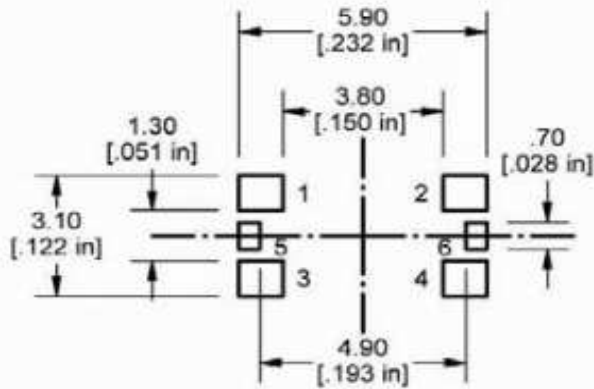
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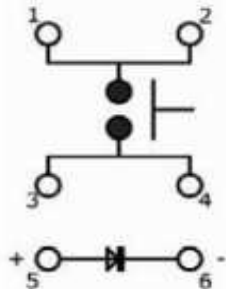


PCB-Layout

LED-specifications	Units	RED/GREEN	Blue	Red	Green	Yellow	White
Forward Current	mA	20	20	20	20	20	20
Forward Voltage	V	1,95~2,5/3,3~4,1	2,8~3,3	1,95~2,5	2,1~2,5	2,0~2,5	3,3~4,0
Luminous Intensity	mcd	220/200	80	230	50	160	300



Schematic



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Ordering Informations

Serie	Total Height	Contact Material	Operating Force	Electrical life	LED 1	Special funtion	ROHS	Packing		
Q12112	031	S	161	104	N	N	R	TR		

031 = 3,12mm	S = Silver	161 = 160gr	104 = 100.000 Cycles	N = Without LED	N = No Special function	N = Non ROHS	TR = Tape/Reel Packing
				R = Red		R = ROHS conform	
				G = Green			BU = Bulk Ware
				Y = Yellow			
				B = Blue			
				W = White			
				P = Dual Red/Green			

SMD Tact Switch

Part No.: **Q12112**

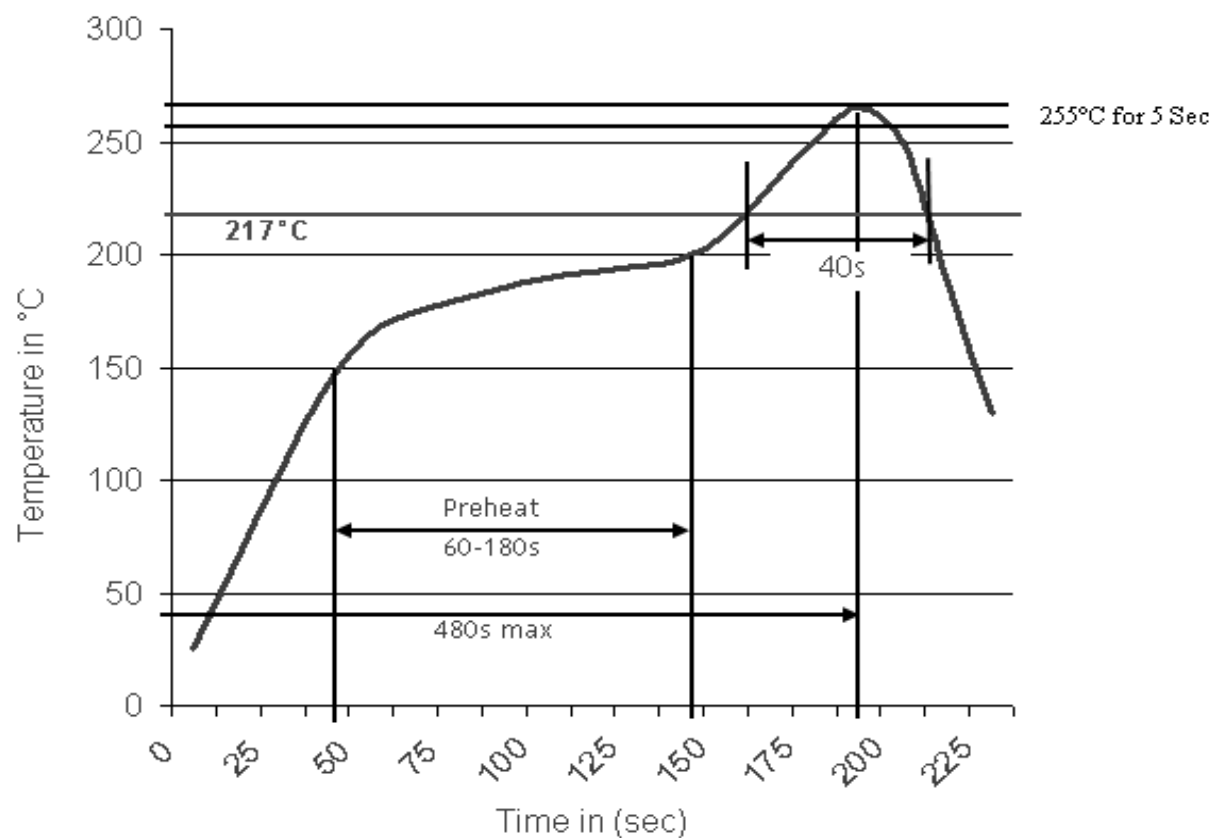
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Soldering Profile Curve

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

**SMD Tact Switch**Part No.: **Q12112**

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