

DATA SHEET

THT BCD ROTARY Switch

Serie: Q27010

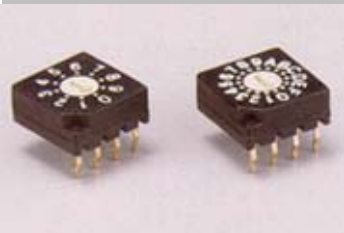
THT BCD ROTARY Switch

Serie No.: **Q27010**

Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	21.02.2018
APPD:	Schumi			FINISH	Jamy		Sheet No.	1 from 6	

EDCON-COMPONENTS



Specifications

Material	
Housing/Knob:	Thermoplastic
O-Ring:	Silicone Rubber
Terminal:	Precisious metal on phosphor bronze
Mechanical:	
Switching Positions	8, 10,16 positions
Operating force:	350gr-cm max.
Life:	10.000detens
Electrical:	
Max. Load Rating:	
Switching:	50mA, 24VDC
Non Switching:	100mA, 50VDC
Contact Resistance:	100mΩ max.
Insulation Resistance:	1000M Ω at 100VDC
Dielectric Strength:	250VAC for 1 minute
Environmental:	
Operating Temperature:	. -10°C to +70°C
Soldering Temperature:	max. 250 ± 5°C for 5 seconds

Features

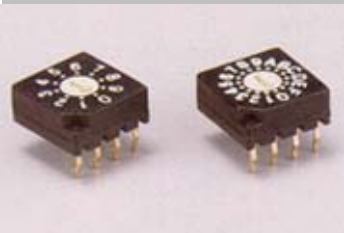
Fully Sealed construction
 Low Profile , Low Cost
 Gold Plated contacts
 Molded-In terminals
 Snap-In mounting on PCB

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EDCON-COMPONENTS



Switch Code

BCD Order Code = 08S					
Position	BCD 8 Position				
	Common c contacted				
	1	2	4	8	C
0					
1					
2					
3					
4					
5					
6					
7					

BCD Order Code = 16S					
Position	BCD 16 Position				
	Common c contacted				
	1	2	4	8	C
0					
1					
2					
3					
4					
5					
6					
7					
8					
9					
A					
B					
C					
D					
E					
F					

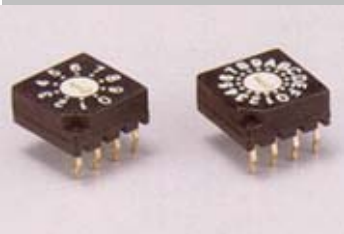
BCD Order Code = 10C					
Position	BCD Complement 10Pos.				
	Common c contacted				
	1	2	4	8	C
0					
1					
2					
3					
4					
5					
6					
7					
8					
9					

BCD Order Code = 10S					
Position	BCD 10 Position				
	Common c contacted				
	1	2	4	8	C
0					
1					
2					
3					
4					
5					
6					
7					
8					
9					

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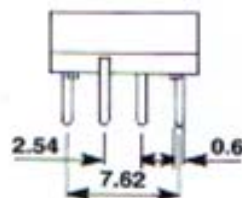
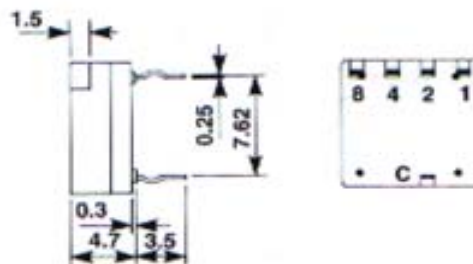
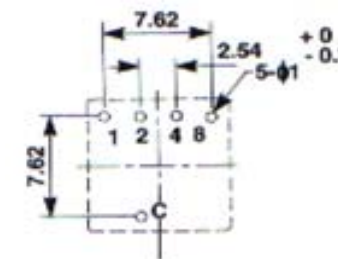
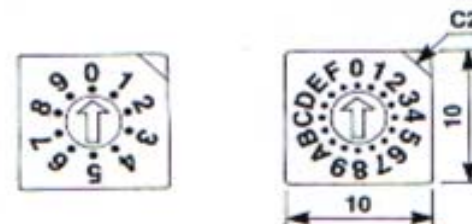
Switch Code



Technical Dimensions (mm)

PCB Layout (mm)

BCD Order Code = 16C					
Position	BCD Complement 16 Position				
	Common c contacted				
	1	2	4	8	C
0					
1					
2					
3					
4					
5					
6					
7					
8					
9					
A					
B					
C					
D					
E					
F					

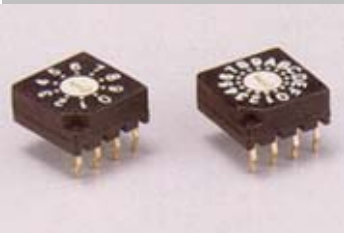


Terminal Order Code 4 = (4+1)

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Ordering Informations

Serie	BCD Order Code	Rotor Style	Terminal Style	ROHS	Packing Code					
Q27010	10S	00	4	R	TU					

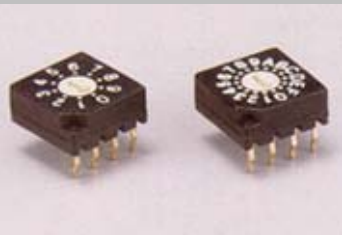
10S = Type 10S	00 = Flat Knob Type with Cross-Slit Style	4 = (4+1) Legs	R = ROHS Conform	TU = Tube Packing
08S = Type 08S			N = NON ROHS Conform	TY = Tray Packing
16S = Type 16S	01 = Flat Knob Type w. Slit-Style			BU = Bulk Ware
10C = Type 10C				
16C = Type 16C				

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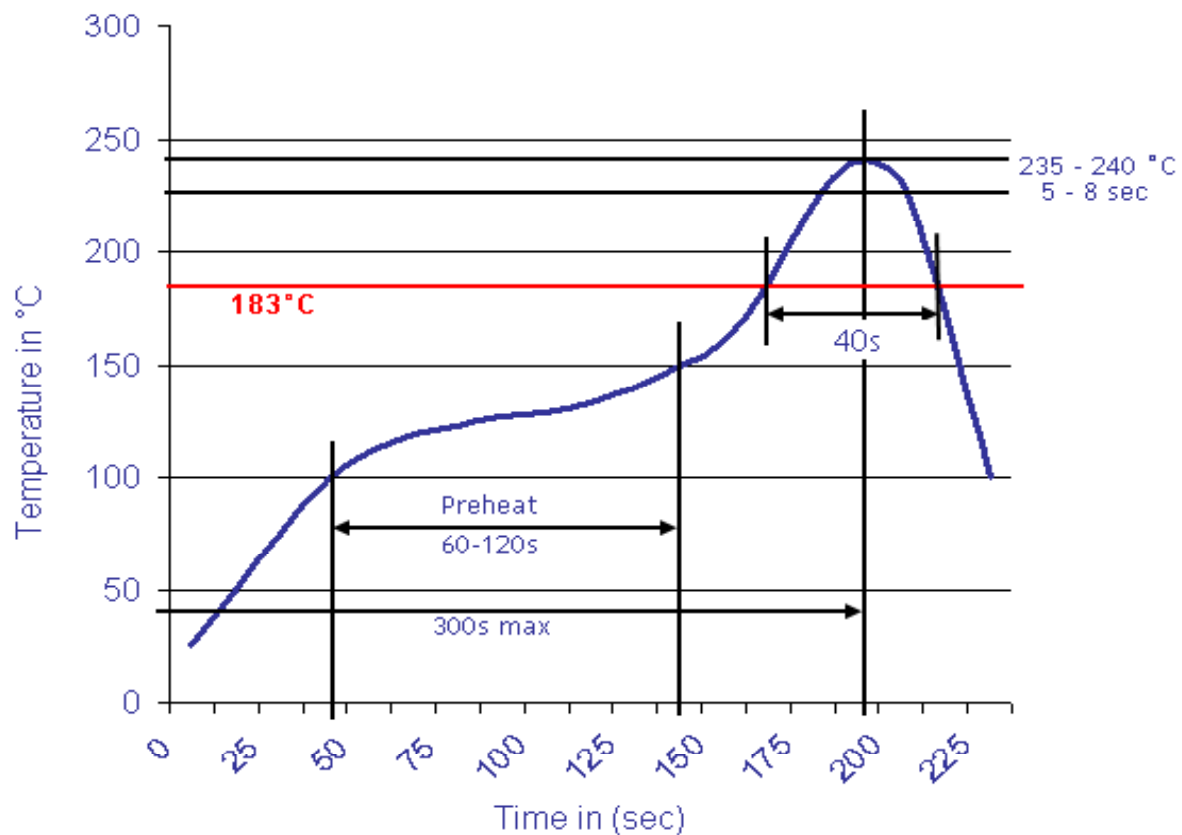
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Soldering Profile Curve

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



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