

# EDCON-COMPONENTS



## Q26001

### Informations

Terminal plating by gold gives excellent results when soldering  
 Two styles of actuator  
 RM-Serie Standard 1,3mm height  
 RMR-Serie plan with Body  
 Low contact resistance, and self-clean on contact area.  
 Double contact offer high reliability.  
 All materials are UL94V-0 grade fire retardent plastics.

### Electrical Informations

Current Rating:  
 non-switching: 100mA/ 50VDC  
 switching: 50mA / 24VDC  
 Contact resistance: (@ 100mA)  
 50mΩ max. @ initial  
 100mΩ after life test  
 Insulation resistance: (@ 100VDC ±15V)  
 100MΩ after life test between adjacent terminals.  
 Dielectric strength: 500VDC for 1 minute  
 Capacitance: 5pf between adjacent terminals

### Technical Specifications:

#### ELECTRICAL:

Electrial life: 2000 operations per cycle switch  
 Operating force: 800gf max.  
 Stroke: 2,0mm  
 Operating Temperature: -25°C to + 70°C  
 Storage Temperature: -40°C to +85°C  
 Vibration Test: MIL-STD-202F Method 213B  
 Frequency: 10-55Hz/1 min.  
 Directions: X,YZ three mutally  
 perpendicular directions  
 Time: 2hours each direction  
 High reliability

#### SOLDERING AND CLEANING PROCESS

For best resulsts, please follow these recommendations:  
 Keep all switch contacts in their "OFF" positions for all  
 operations.

#### WAVE SOLDERING:

Recommended solder temperature at 500F (260°C)  
 mac. 5 seconds.

#### HAND SOLDERING:

Use a soldering iron of 30watts, controled at 608F (320°C)  
 approximately 2 seconds while applying solder.

#### CLEANING PROCESS:

Flux clean using force rinse, high agitation or triple bath  
 cleaning method. Freon TF or TE give excellent results.  
 When capor methods are used, do not subject the switch to  
 solvent at temperature above 125 F (51°C).

### Material Specifications

Item	Description	Materials	Treatment
1	Actuator	UL94V-0 Nylon	Molded White
2	Cover	UL94V-0 Nylon	Molded Black
3	Base	UL94V-0 Nylon	Molded Black
4	Terminal	Beryllium Copper	Gold Plating on contact area
5	Terminal	Brass	Gold plated at contact area and at terminal

### Dimension Table

Pos.	A	
1	3,48	
2	6,02	
3	8,56	
4	11,10	
5	13,64	
6	16,18	
7	18,72	
8	21,26	
9	23,80	
10	26,34	
12	31,42	

SMT DIP-SWITCH	
Part No.:	<b>Q26001</b>
Customer:	

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	DATE	11.01.2019
APPD:	Jason			FINISH	Jamy	Sheet	1 from 3

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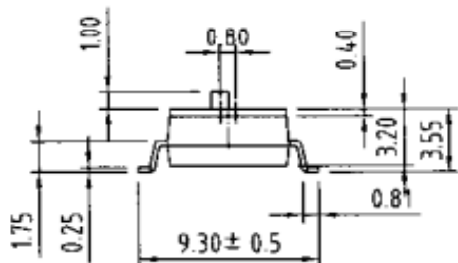
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**EDCON-COMPONENTS**

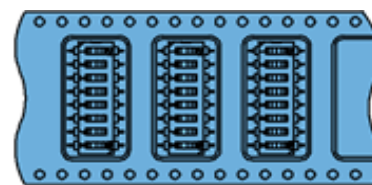
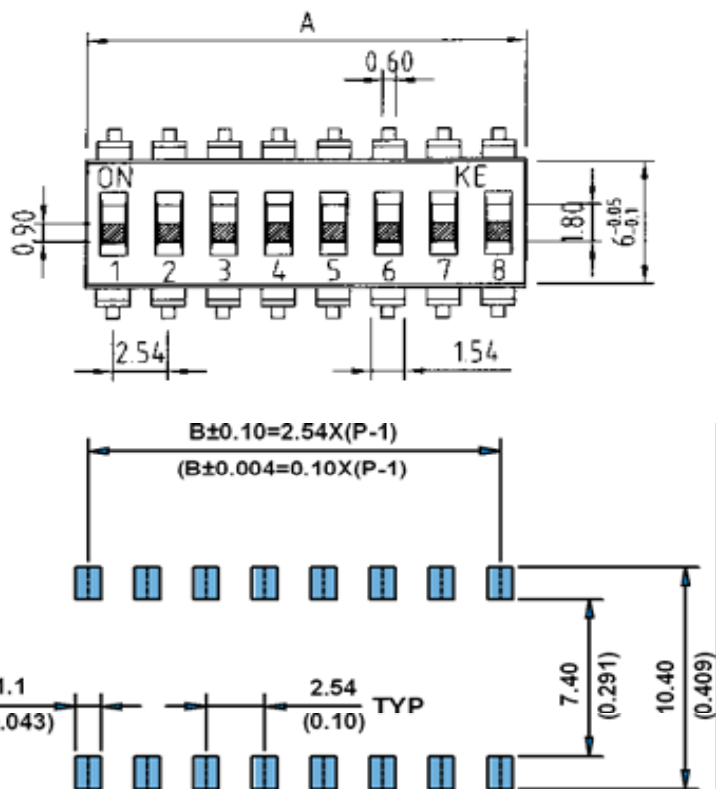
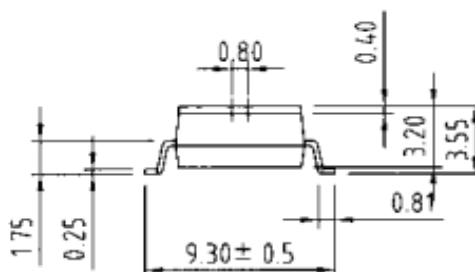


Technical Drawing:

**L type**

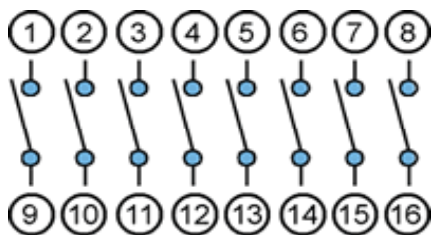


**S type**



No of Pos.	A	B	C	Qty/Reel
2	6,5	5,5	16	1000PCS
3	9	7,5	16	1000PCS
4	11,5	11,5	24	1000PCS
5	14,1	11,5	24	1000PCS
6	16,6	14,2	24	1000PCS
7	19,1	14,2	32	1000PCS
8	21,7	14,2	32	1000PCS
9	24,2	20,2	44	1000PCS
10	26,7	20,2	44	1000PCS
12	31,9	20,2	44	1000PCS

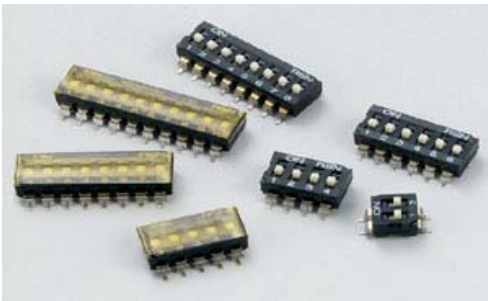
The PCS of the quantity of Reel are variable from order to order



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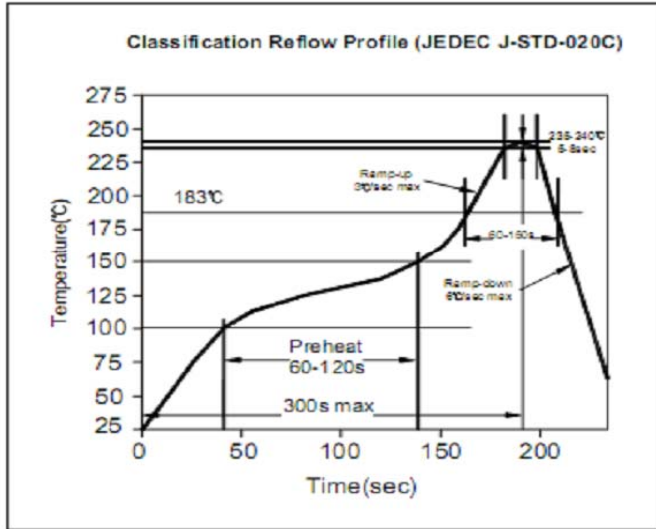
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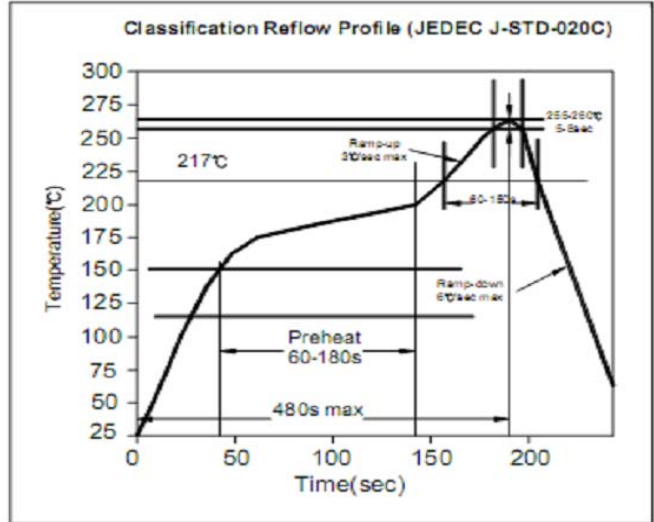


Solder Profile

Lead Solder



Lead free Solder



Ordering Informations:

Item-No.	Circuit	Actuator	Body Color	Function	ROHS	Packing
Q26001	1	L	BK	0	R	TU

1~12	L= Long Actuator S= Short Actuator	BK= Black	0= No Foil P= Foil for Pic and Place	R= ROHS N= Non ROHS	TU= Tube (Standard) TY= Tray Packing TR= Tape Reel

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