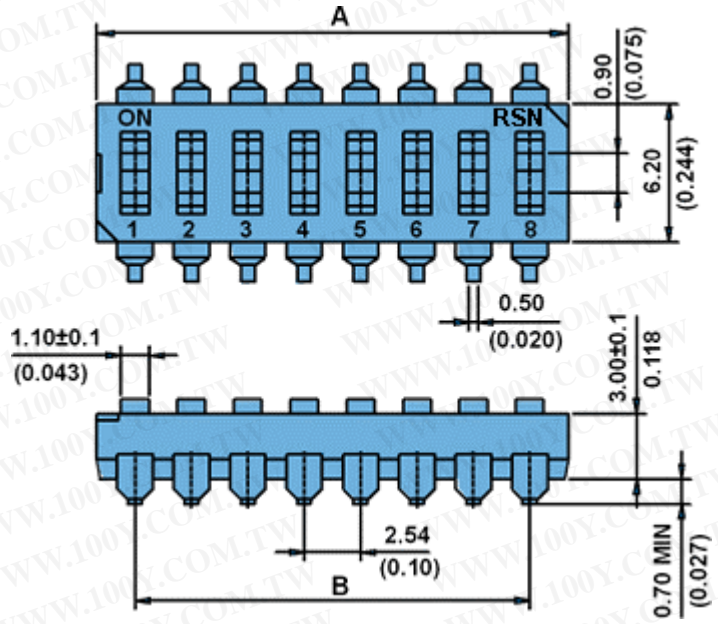


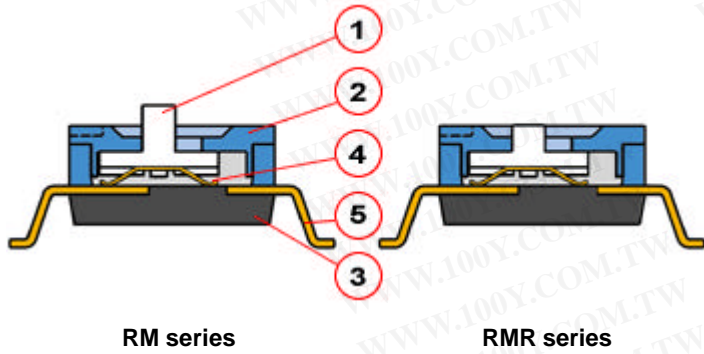
RM.RMR Series Surface Mounting Type Dip Switch



RM SERIES

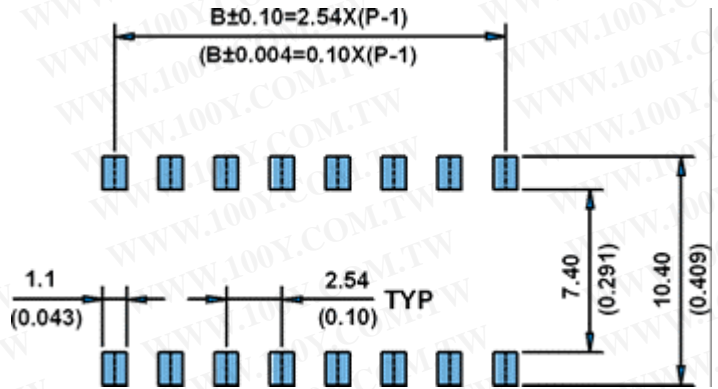


RM & RMR CONSTRUCTION

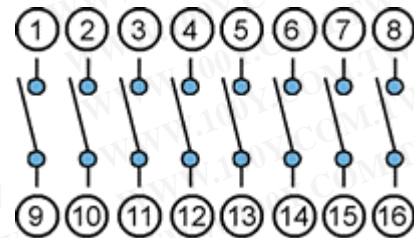


1. RM series (raised actuator) and RMR series (recessed actuator) available for different purposes.
2. Low contact resistance, and self-clean on contact area.
3. Gold plated electrical contact and terminal plating by tin/lead give excellent results when soldering.
4. Double contacts offer high reliability.
5. All materials are UL94V-0 grade fire retardant plastics.

P.C.B. LAYOUT



CIRCUIT DIAGRAM



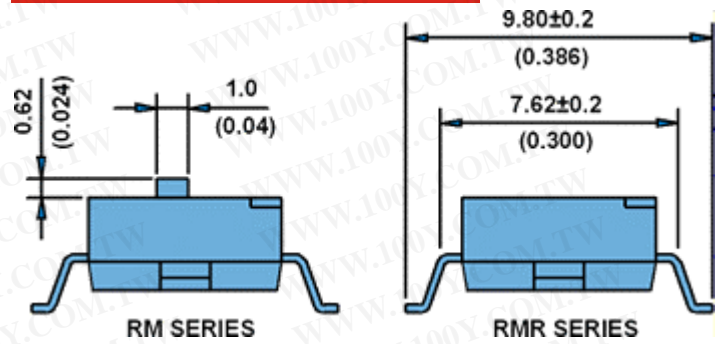
TERMINAL TYPE

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	Contact	Beryllium Copper	Gold plated at contact area
5	Terminal	Brass	Gold plated at contact area and tin / lead plating at terminal

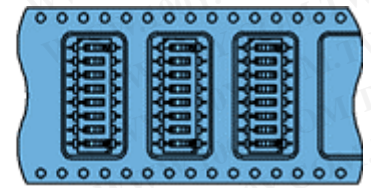
MODEL

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
 Http://www.100y.com.tw

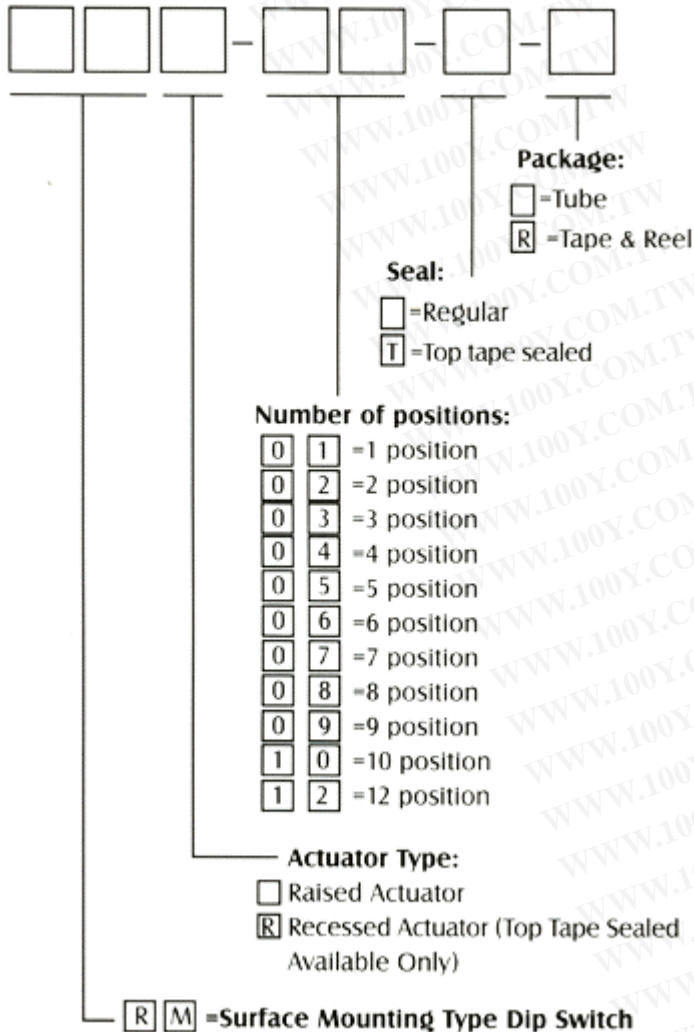
PROD NO.	NO. OF POS	DIM A	
RM/RMR-01	01	3.48	0.137
RM/RMR-02	02	6.02	0.237
RM/RMR-03	03	8.56	0.337
RM/RMR-04	04	11.1	0.437
RM/RMR-05	05	13.64	0.537
RM/RMR-06	06	16.18	0.637
RM/RMR-07	07	18.72	0.737
RM/RMR-08	08	21.26	0.837
RM/RMR-09	09	23.8	0.937
RM/RMR-10	10	26.34	1.037
RM/RMR-12	12	31.42	1.237



Tape & reel packing (Per EIA standards)
 For packing details, please refer to pages 13



HOW TO ORDER



Example: RMR-08-T is a surface mounting Type Dip Switch, Recessed Actuator 8 position, with, top tape sealed.

SPECIFICATION

ELECTRICAL

Electrical life: 2000 operation cycles per switch 24VDC, 25mA.
 Non-Switching Rating: 100mA, 50 VDC
 Switching Rating: 25mA, 24VDC.
 Contact resistance: (a) 50m Ω max. at initial
 (b) 100m Ω max. after life test
 Insulation resistance: 100M Ω min. (at 500VDC)
 Dielectric Strength: 500VAC/1 minute.
 Capacitance: 5pF max.
 Circuit: Single pole single throw

MECHANICAL

Mechanical life: 2000 operations per cycle switch
 Operation Force: 600gf max.
 Stroke: 0.9mm
 Operation Temp: -25° C to +70° C
 Storage Temp: -40° C to +85° C
 Vibration Test: MIL-STD-202F METHOD 201A
 Frequency: 10-55-10Hz/1 min
 Directions: X, Y, Z, three mutually perpendicular directions.
 Time: 2 hours each direction.
 High reliability.

Shock Test: MIL-STD-202F METHOD 213B.

CONDITION A

GRAVITY: 50G (peak value), 11 m/sec.
 Direction and times: 6 sides and three times in each direction. High reliability.

SOLDERING AND CLEANING PROCESSES

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

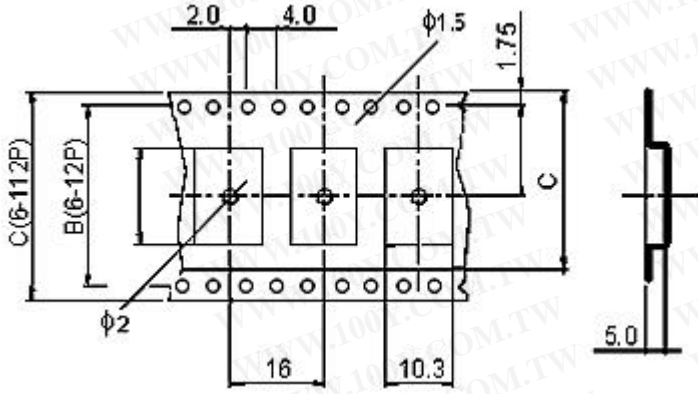
PACKING All DIP switches are shipped in standard IC tubes or Tape & Reel Package with all poles in the "OFF" position.

WAVE SOLDERING: Recommended solder temperature at $235^{\circ}\text{C} \pm 5^{\circ}\text{C}$ max. 5 ± 1 seconds.

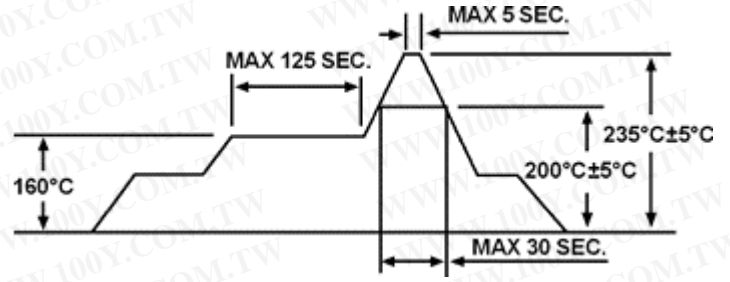
CLEANING PROCESS:

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

CARRIER TAPE PACKING

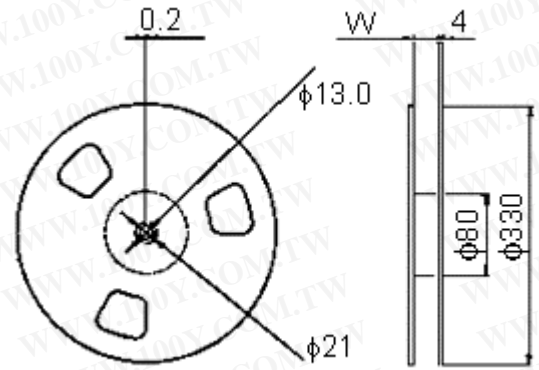


Reflow Temperature Profile. (reference)



PART NO.	NO. OF POS	A	B	C	Q'TY/REEL
RMR-01	01	3.90	5.5	12	1000 pcs
RMR-02	02	6.40	5.5	12	1000 pcs
RMR-03	03	8.90	7.5	16	1000 pcs
RMR-04	04	11.50	11.5	24	1000 pcs
RMR-05	05	14.10	11.5	24	1000 pcs
RMR-06	06	16.60	14.2	32	1000 pcs
RMR-07	07	19.10	14.2	32	1000 pcs
RMR-08	08	21.70	14.2	32	1000 pcs
RMR-09	09	24.20	20.2	44	1000 pcs
RMR-10	10	26.70	20.2	44	1000 pcs
RMR-12	12	31.80	20.2	44	1000 pcs

CARRIER TAPE PACKING



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