



CONTACT RATING: Dependent upon contact material See Page 77.

MECHANICAL LIFE: 50,000 make-and-break cycles. CONTACT RESISTANCE: 20 mΩ max. initial @ 2-4VDC 100mA for both silver and gold plated contacts.

INSULATION RESISTANCE: 1,000 M Ω min.

DIELECTRIC STRENGTH: 1,000 Vrms min.@sea level.

OPERATING TEMPERATURE: -30°C to 85°C.

MATERIALS

CASE & BUSHING: Glass filled nylon 6/6,flame retardant,

heat stabilized (UL94v-0).

ACTUATOR: Nylon black std,internal O-ring seal standard witch

all actuators.

SWITCH SUPPORT: Brass,tin plated.

CONTACT / TERMINALS: Copper alloy, with Silver or gold plated.

(See Page 77)

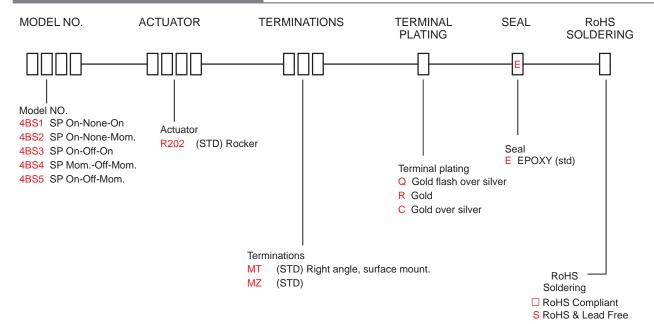








HOW TO ORDER



SWITCH FUNCTION

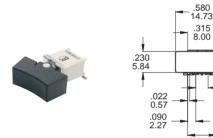
	LII /CCA		SWIT	CH FUNC	CTION	CONNECTE	ED TERMINALS / S	CHEMATIC
NO. POLES	MODEL NO.	MODEL NO.	POS.1	POS.2	POS.3	POS.1	POS.2	POS.3
			-	1	-	*	*	*
SP	Q24B11	4BS1	ON	NONE	ON	2-3	N/A	2-1
	Q24B12	4BS2	ON	NONE	MOM	2-3	IN/A	2-1
	Q24B13	4BS3	ON	OFF	ON	•2 (COMM)		<u>▶</u> 2 (COMM)
	Q24B14	4BS4	MOM	OFF	MOM	1	OPEN	1
	Q24B15	4BS5	ON	OFF	MOM			

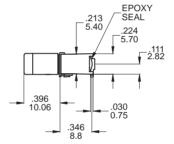
MOM=MOMENTARY

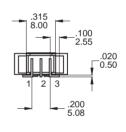
POLE OPTIONS

MT

4B Rocker Switches







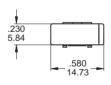
SPDT

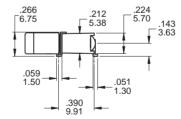
Part No. Shown: 4BS1R202MTRE

.315 8.00

ΜZ







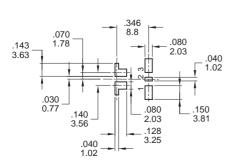


SPDT

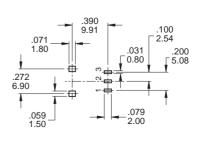
Part No. Shown: 4BS1R202MZRE

P.C. MOUNTING

MT



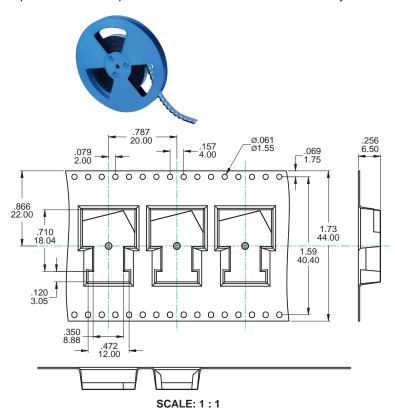
ΜZ

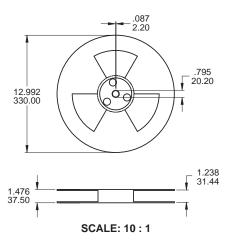


PACKAGING

Switches available on embossed antistatic tape and reels.

Tape and cover strip are conductive for use near statically sensitive components.





REEL INFORMAT	TON
QUANTITY PER REEL	450 / pcs

CONTACT MATERIAL OPTIONS

	CONTACT PLATING	TERMINAL PLATING	RATINGS
Q	Silver	Q = Gold flash over silver	3 Amps with resistant load @ 120VAC or 28VDC
С	Gold over Silver	C = Gold over silver	1 Amps with resistant load @ 250VAC
R	Gold	R = Gold	0.4 Volt - Amps (VA) max. @ 20V max. (AC or DC)

SOLDERING PROCESSES

WAVE SOLDERING:

Recommended Soldering Temperature: $260 \pm 5^{\circ}$ C Duration of Solder Immersion: Max 5 sec.

(PCB is 1.6mm in thickness)

SOLDERING: Vapor phase & IR-reflow soldering can be applied.

Temperature Profile						
	Zone	Room Temperature	Time (Sec)			
	Pre-heat (A)	150°C	Min 120s			
	Soak (B)	180°C ~ 200°C	Min 150s			
	Peak (C)	200°C ~ 235°C	Min 30s			
	Peak (D)	235°C ~ 260°C	Min 40s			
	Peak (E)	260°C	Max 5s			
(°(25 20 15 10 50	00 00 A	Peak: 260°C B C D	E			
Ten	mperature		Time (Sec)			