



SPECIFICATION

Electrical Rating : 3A 250VAC(UL, VDE)
 Mechanical life: Over 30000 cycles
 Electrical life: Over 10000 cycles
 Contact resistance: <math><20m\Omega</math>
 Insulation resistance: >1000M Ω
 High voltage resistance: >1500V 1 min.
 Ambient temperature: Terminal side -20 to +85°C
 Actuating side -20 to +55°C
 Storage temperature: -30 to +80°C Max
 Atmospheric humidity: Max.85%
 Actuating force: 4 to 8N(depends on different switch function)
 Flammability: UL94 V-2
 Temperature rise at the terminal: Max 30°C (UL1054)
 Solder ability of terminal: Max 350°C, 3s

MATERIALS

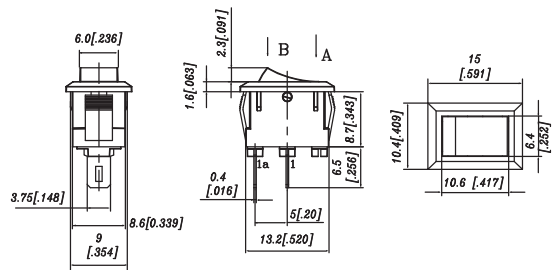
Housing: PA66
 Rocker: PA66
 Contacts: Silver alloy
 Terminal: Brass silver plated
 Spring: SWC
 Movable arm: Brass silver plated

HOW TO ORDER

MRA	1	K	K	E	T	B
Series	Switch Function	Housing Color	Actuator Color	Marking	Terminal Type	Safety Approval
Series				Please see option of Marking (See Page 170)		
1	ON-OFF	W White	W White		T connect tab 3.7(Wide)*0.4(Thick)	B 3 Safety Approvals
2	ON-ON	K Black	K Black			E None Approvals
			R Red			

OPTIONS OF SWITCH FUNCTION / DIMENSION

Item NO	POLES & THROWS	Rocker position		
		Left	Center	Right
MRA1	SPST	ON	None	OFF
MRA2	SPDT	ON	None	ON



PANEL CUT OUT

PANEL OUT-CUT		
Z	Y	X
0.7~1.25 [.028~.049]	9.1~9.2 [.358~.362]	13.6~13.8 [.535~.543]
1.25~2.0 [.049~.079]	9.1~9.2 [.358~.362]	13.8~14.0 [.543~.551]
2.0~3.0 [.079~.118]	9.1~9.2 [.358~.362]	14.0~14.1 [.551~.555]

