



### 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 $\Omega$   
 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

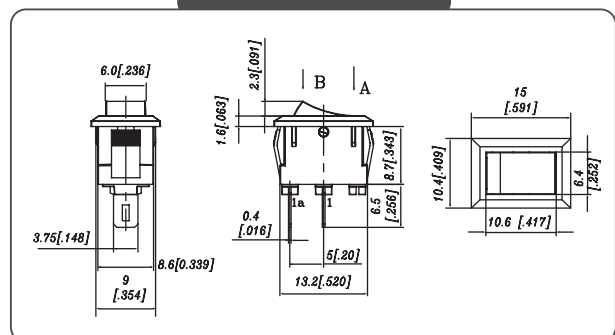
### HOW TO ORDER

<b>MRA</b>	<b>1</b>	<b>K</b>	<b>K</b>	<b>E</b>	<b>T</b>	<b>B</b>
Series	Switch Function	Housing Color	Actuator Color	Marking	Terminal Type	Safety Approval
Series						
	1 ON-OFF 2 ON-ON	W White K Black	W White K Black R Red	Please see option of Marking (See Page 161)		B 3 Safety Approvals E None Approvals
					T connect tab 3.7(Wide)*0.4(Thick)	

### OPTION OF SWITCH FUNCTION

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

### DIMENSION



### 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)