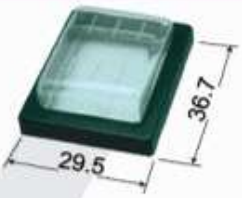
R Series Rocker Switches / ILLUMINATED

SPECIFICATION:

Rating：3A 250V AV, 6A125/250V AC.
10A 125/250V AC, 16A 250V AC, 20A 125V AC.
Contact resistance：<20mΩ.(initial)
Insulation resistance：>1,000 MΩ.
Withstand voltage：>1500V DC for 1 minute.
Mechanical life：30,000 Cycles.
Electrical life：10,000 Cycles.

MATERIALS:

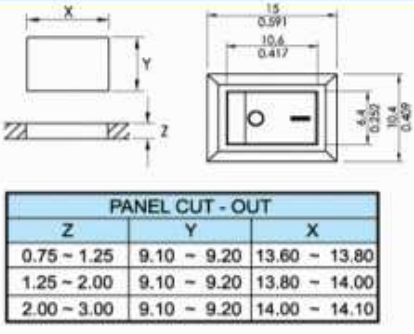
Rocker / Housing：PA66.
Spring：SWP.
Movable arm：Brass.
Actuable arm：PA66.
Contact：Silver alloy.
Terminal：Brass.
Illuminated：Lamp.



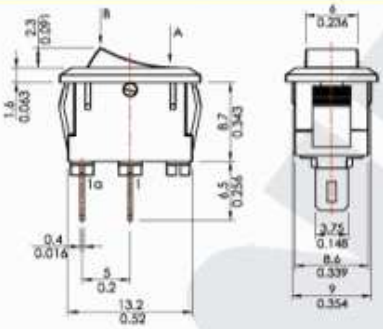
R5 SEAL CAP

NEW Extra Tiny

MRA1



PANEL CUT - OUT		
Z	Y	X
0.75 ~ 1.25	9.10 ~ 9.20	13.60 ~ 13.80
1.25 ~ 2.00	9.10 ~ 9.20	13.80 ~ 14.00
2.00 ~ 3.00	9.10 ~ 9.20	14.00 ~ 14.10



MODEL NO.	TYPE
MRA1	SPST ON - OFF

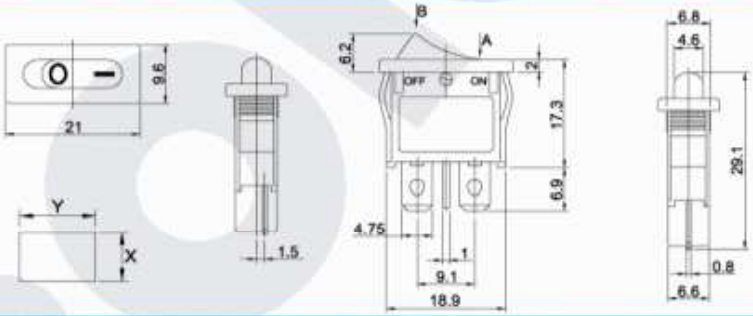
Rating: 3A 250V AC / 125V AC.
Contact resistance: 20MΩ Max.
Insulation resistance: 1,000MΩ Min.
Withstand voltage: 1,500V AC for 1 minute.

Tiny R6 series

6A 250V AC

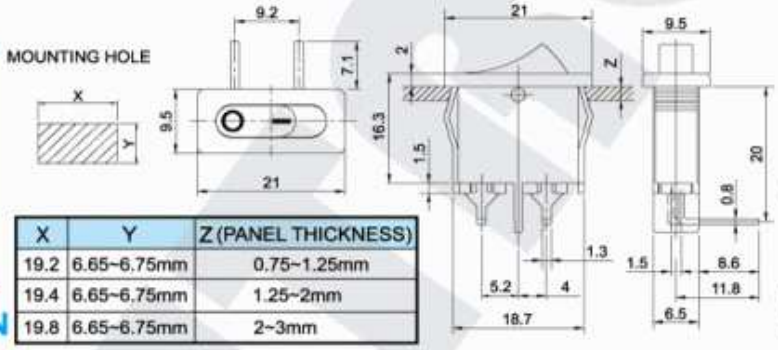
MODEL NO.	TYPE
R612	SPST OFF ON
R652	SPST OFF (ON)

MOUNTING HOLE		
PANEL THICKNESS	X	Y
0.7 ~ 3	6.95 ~ 7.05	19.2 ~ 19.4



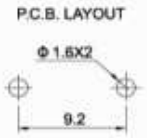
Tiny

MRH12-C5N-BWN



X	Y	Z (PANEL THICKNESS)
19.2	6.65~6.75mm	0.75~1.25mm
19.4	6.65~6.75mm	1.25~2mm
19.8	6.65~6.75mm	2~3mm

P.C.B. LAYOUT



CIRCUIT DIAGRAM

Rating : 12A 125V AC, 10A 250V AC 1/HP. (CSA)
10A 125V AC, 8A 250V AC 1/4HP. (UL)
10(4)A 250V ~ T125/55. (VDE, ENEC, CQC)

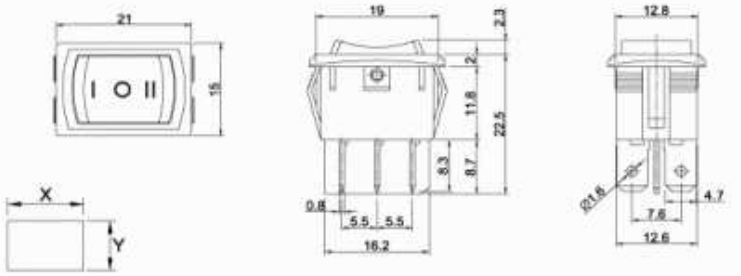
Contact resistance : 20mΩ Max.
Insulation resistance : 100MΩ Min.
Withstand voltage : 1,000V AC for 1 minute.

Tiny

MR3-230

MODEL NO.	TYPE
MR3-220	DPDT ON ON
MR3-230	DPDT ON OFF ON
MR3-250	DPDT (ON) ON

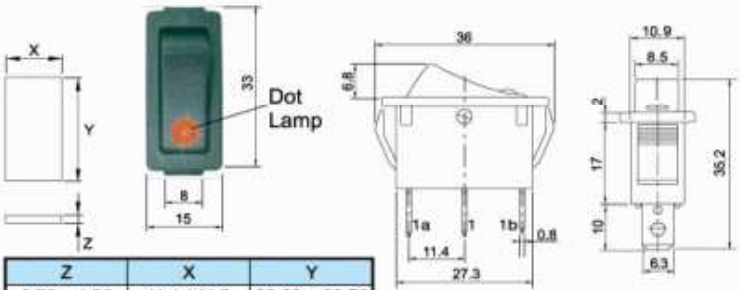
PANEL THICKNESS	X	Y
0.75 ~ 1.25	19.2	12.9
1.25 ~ 2.00	19.4	12.9
2.00 ~ 3.00	19.8	12.9



R4 series

16A 250V AC
20A 125V AC

MODEL NO.	TYPE
R415	SPST ON OFF
R425	SPDT ON ON
R435	SPDT ON OFF ON
R445	SPDT ON (ON)
R455	SPST OFF (ON)
R465	SPDT (ON) OFF (ON)
R475	SPST ON (OFF)
R485	SPDT ON OFF (ON)
R495□□□T□□	SPST Dot Illuminated
R495□□□ET□	SPST Full Rocker Illuminated



Z	X	Y
0.75 ~ 1.25	11.1 / 11.2	29.60 ~ 29.70
1.25 ~ 2.00	11.1 / 11.2	30.10 ~ 30.20
2.00 ~ 3.00	11.1 / 11.2	30.45 ~ 30.55