



R172 R173

0 0 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 Nnloy substrate

0 RoHS Compliant*

0 Maximum- power Switch*
(meet UL certification standards)

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0 0 0
 $1K\Omega \leq R_n \leq 2 M$

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

- Soldering Condition :

Manual Soldering 300°C max. for 3 seconds

Wave Soldering 260°C max. for 5 seconds

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

0 Shaft push-pull strength 80N max

0 Detent torque 50-250gf.cm

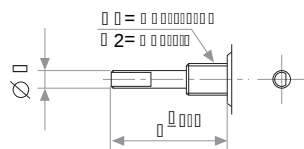
0 Life 15,000 cycles

0 Switch operating life 15,000 cycles

0 Withstand voltage Between terminal@500Vac

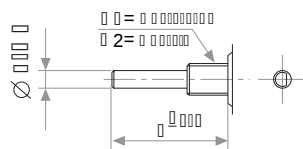
0 Switch rating AC 125V 10A

0 Switch contact resistance 20mohms max



F Type (Plastic Flatted Shaft)

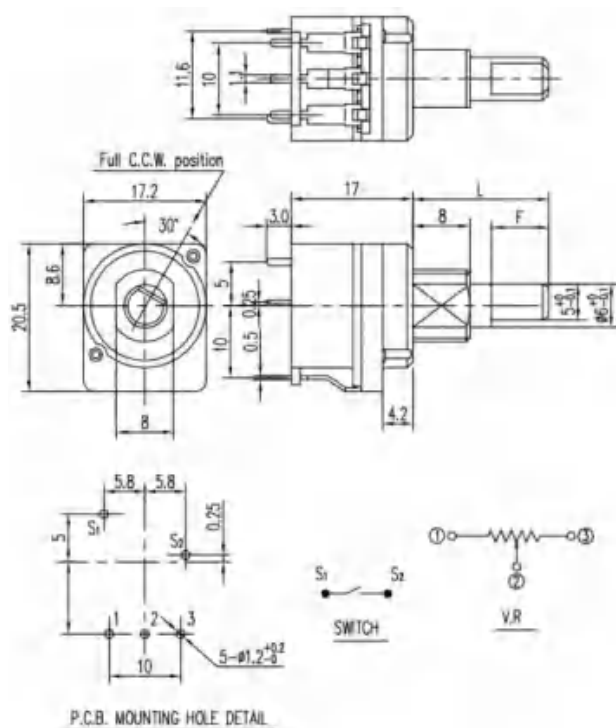
L	17	19
F	8	8



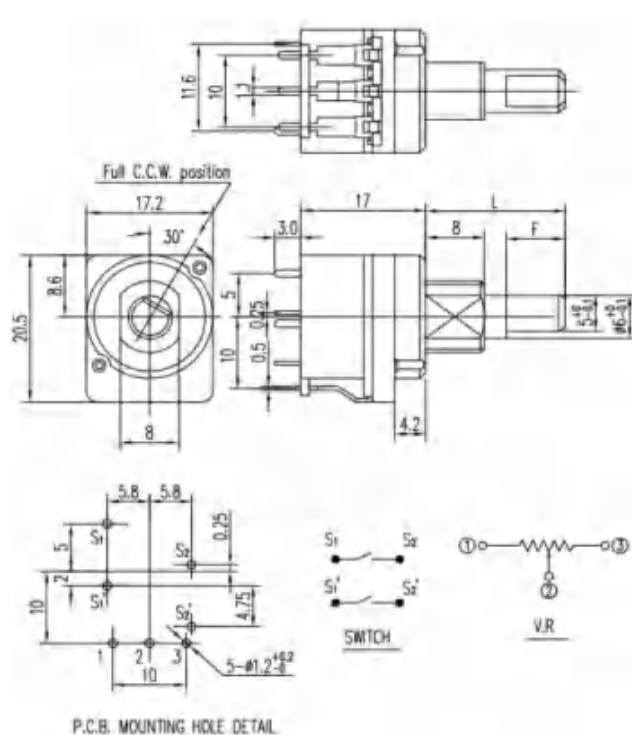
R Type (Plastic Plain Shaft)

L	19.1
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R172-B



R173-B



GENERAL TOLERANCE

Dimension:

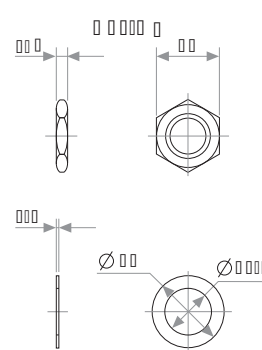
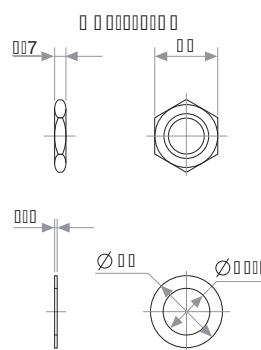
$X < 10 \pm 0.3\text{mm}$

$10 \leq X < 30 \pm 0.5\text{mm}$

$30 \leq X \leq 100 \pm 1\text{mm}$

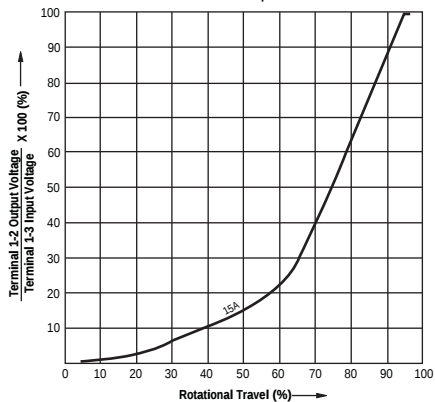
Angle: $\pm 5^\circ$

Bushing 10

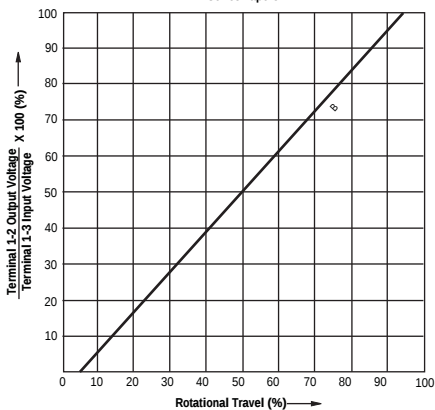


TAPERS

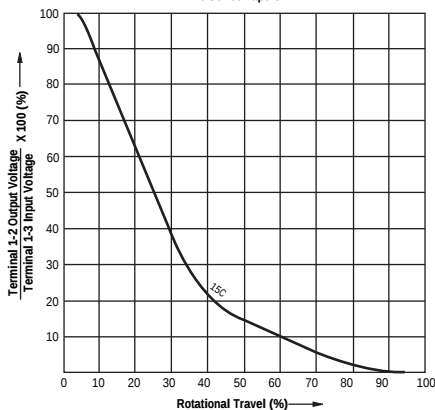
A Series Tapers



B Series Tapers



C Series Tapers



□ □ □ □ □ □ □ □ □ □

R17 2 - B 0 19F M1 - A 103 - 2020

Model

- Rotary switch
- 2 = Single Switch
 - 3 = Dual Switch

Terminal Configuration
(Pin Layout)

- B= PC Pins (bend)
Rear Facing

Detent Option

- 0 = No Detent

Shaft length & Shaft style
(See Shaft Styles)

Bushing

M1=M10*0.75

M2=M10*1

Resistance Taper

- A = Reverse log
- B = Linear
- C = Log

Resistance Code (See Table)

Tolerance

- 2020= ±20%
- 1010= ±10%

STANDARD RESISTANCE TABLE

Resistance (Ohms)	Resistance Code
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
50,000	503
100,000	104
200,000	204
500,000	504
1,000,000	105
2,000,000	205