



R171

[illegible]

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0 **0 000 0 0000 00000 00000 0 0000**

- ▮ Nnloy substrate

□ RoHS Compliant*

▮ Detent Option

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

□ □

$\square \quad \square \quad \square \quad \square \quad \square \quad \square \quad \square \quad \square \quad \square \quad \square \quad \square \quad \square$ $270^\circ \pm 5^\circ$

20-200gf.cm

0 000 000 000 000 > 5Kgf.cm

□ Shaft push-pull strength 80N max

□ Detent torque 50-250gf.cm

□ Switching travel 3±0.5mm

Life 15,000 cycles

- Switch operating life 15,000 cycles

Withstand voltage 1minute @ AC 500V
(Between terminal and case)

□ Switch rating AC 125V 10A

□ Switch contact resistance 20mohms max

□ □

$$1\text{K}\Omega \leq R_n \leq 2\text{ M}$$
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Linear, Reverse log, Log

$$\| \mathbf{u} \|_{\mathbf{H}^1(\Omega)} \leq 10 \Omega$$

□ □ □ □ □ □: ≤100mV

0 0 0 0 0 0 0 0 0 0 0 0 -10 0 0 70 0 0

- Soldering Condition :

Manual Soldering 300°C max. for 3 seconds

Wave Soldering 260°C max. for 5 seconds

SHAFT STYLES



L	17.5	18.5	19	20
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L	19	20
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L	17.5	18.5	19	20
F	8	8	8	8



L	19
F	8

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R171-A



R171-B



GENERAL TOLERANCE

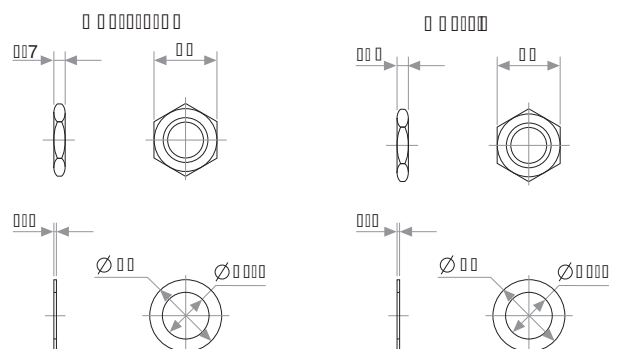
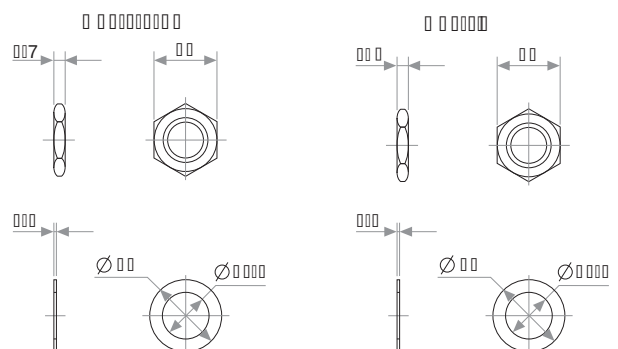
Dimension:

$$X < 10 \pm 0.3\text{mm}$$
$$10 \leq X < 30 \pm 0.5\text{mm}$$
$$30 \leq X \leq 100 \pm 1\text{mm}$$

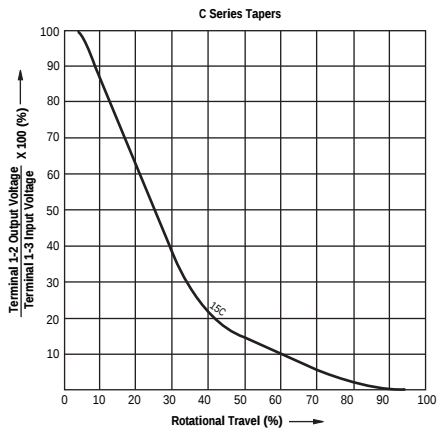
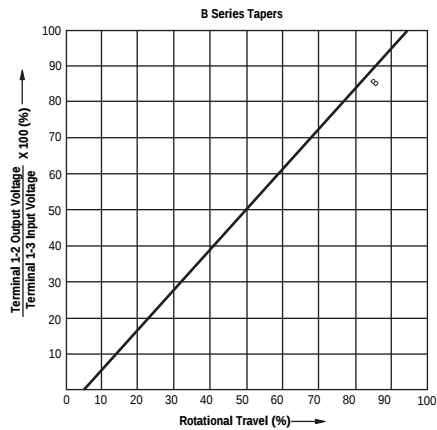
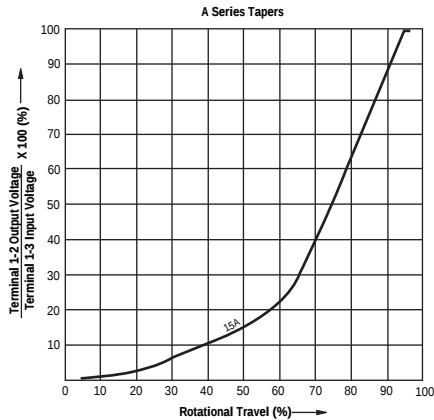
Angle: $\pm 5^\circ$

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Bushing 10



TAPERS



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R17 1 - A 0 19 P1 M1 - A 103 - 2020

Model

Switch form

- 1 = Push switch

Terminal Configuration

(Pin Layout)
(see individual drawings)

- A= PC Pins
Rear Facing
- B= PC Pins (bend)
Rear Facing

Detent Option

- 0 = No Detent
- 3 = 37 Detents

Shaft length&shaft style

(See Shaft Style)

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