

Features

- PC pin or solder lug terminals
- Push-pull switch option
- Metal shaft styles
- Carbon element
- Wide range of resistance tapers
- RoHS compliant*



PDB183 - 17 mm Rotary Potentiometer w/Push-Pull Switch

Electrical Characteristics

Environmental Characteristics

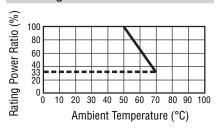
Operating Temperature

Mechanical Characteristics

Soldering Condition

............. 260 °C max. within 3 seconds Hardware One flat washer and mounting nut supplied per potentiometer with bushing

Derating Curve



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

WARNING Cancer and Reproductive Harm www.P65Warnings.ca.gov

Product Dimensions PDB183-K 6.5 ± 0.3 (.256 ± .012) DIA 12.5 ± 0.5 6.0 ± 0.3 $(.492 \pm .020)$ (.236 ± .012) (.030) 1.0 ± 0.3 2.0 ± 0.3 2.5 ± 0.3 (.098 ± .012) $\frac{4.0 \pm 0.3}{(.157 \pm .012)}$ 4.1 ± 0.3 10.5 ± 0.5 (.161 ± .012) (.413 ± .020) 4.0 ± 0.3 SWITCH TRAVEL (.157 ± .012) 4.2 ± 0.3 $(.165 \pm .012)$ 4.0 ± 0.3 (.169 ± .008) 17.0 ± 0.5 (.669 ± .020) 1.2 ± 0.3 $\overline{(.047 \pm .012)}$ **FULL CCW** 2.8 ± 0.3 (.110 ± .012) 20 25 30 (.787)(.984)(1.181)10 12 12 (.394)(.472)(.472)Circuit $\frac{4.0 \pm 0.3}{(.157 \pm .012)}$ 4.0 ± 0.3 5.0 ± 0.3 $\overline{(.157 \pm .012)}$ $(.197 \pm .012)$ 4.0 ± 0.3 10.5 ± 0.5 $\overline{(.157 \pm .012)}$ $(.413 \pm 0.20)$

 $(.197 \pm .012)$

 $\frac{4.2 \pm 0.3}{(.165 \pm .012)}$

 3.5 ± 0.3 (.138 ± .012)

DIA. 9 PLCS. $\frac{1.3 \pm 0.0}{(.051 \pm .012)}$

 $(.028 \pm .012)$

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DIMENSIONS:

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 $\overline{(.197 \pm .012)}$

Switch

SHOWN IN PUSH POSITION

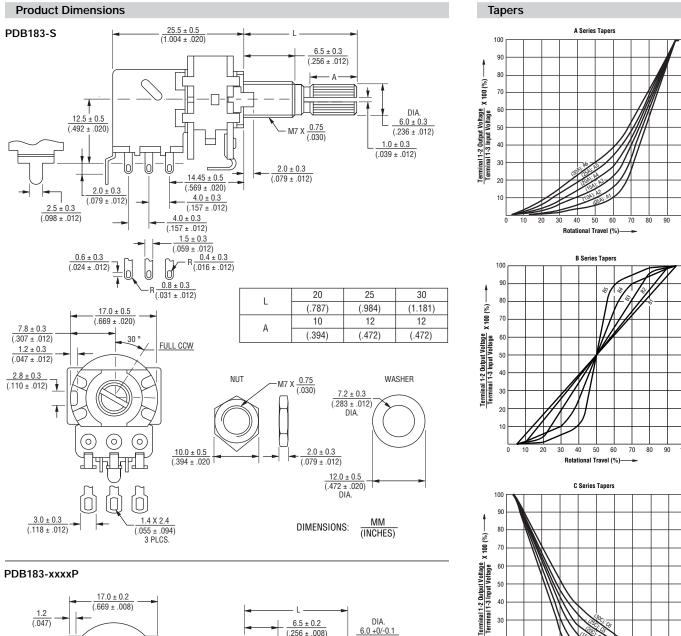
SHAFT SIDE

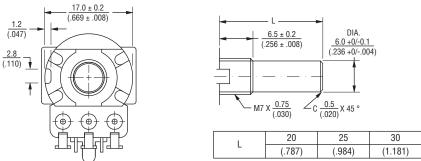
^{*}RoHS Directive 2015/863, Mar 31, 2015 and Annex.

Applications

- Electric guitars
- Amplifiers/mixers/drum machines/synthesizers

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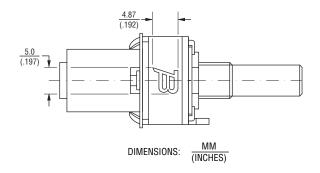
20

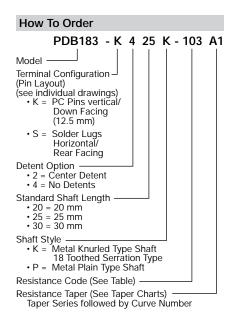
10

PDB183 - 17 mm Rotary Potentiometer w/Push-Pull Switch

BOURNS

Typical Part Marking





BOURNS®

Asia-Pacific: Tel: +886-2 2562-4117 • Email: asiacus@bourns.com

EMEA: Tel: +36 88 885 877 • Email: eurocus@bourns.com

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