

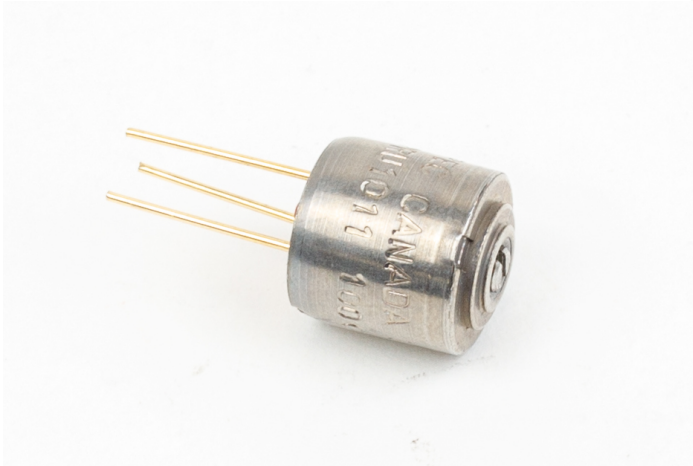
PRODUCT SPECIFICATION

Series P

Precision series P and PR potentiometers are suitable for commercial applications.

RoHS and REACH Complaint and contain no Conflict minerals.

These Products meet Military Specifications, Custom made parts available on request.



Electrical Specification

Resistance tolerance: $\pm 10\%$ or $\pm 20\%$

Power rating: 0.5 watt at 70°C derated to 0 watts at 120°C

Insulation resistance:

dry: 10K Meg Ω

wet: 100K Meg Ω

Dielectric strength: 900 V RMS at sea level

Operating voltage: 350 V, subject to power rating

Features



hot molded carbon element



gold-plated terminals



stainless-steel shaft and housing



board washable



pin terminals or solder lugs

Mechanical Specification

Mechanical rotation: 300°

Operating torque: 1 oz/in to 12 oz/in

Rotational life: 25,000 cycles

Environmental Specification

Operating temperature: -65°C to +125°C

Resistance to soldering heat: 350°C for 5 seconds

Humidity range: per MIL-R-94

Vibration range: per MIL-R-94

Shock resistance: per MIL-R-94

Load life: 1000 hours at 70°C

PRODUCT DRAWINGS

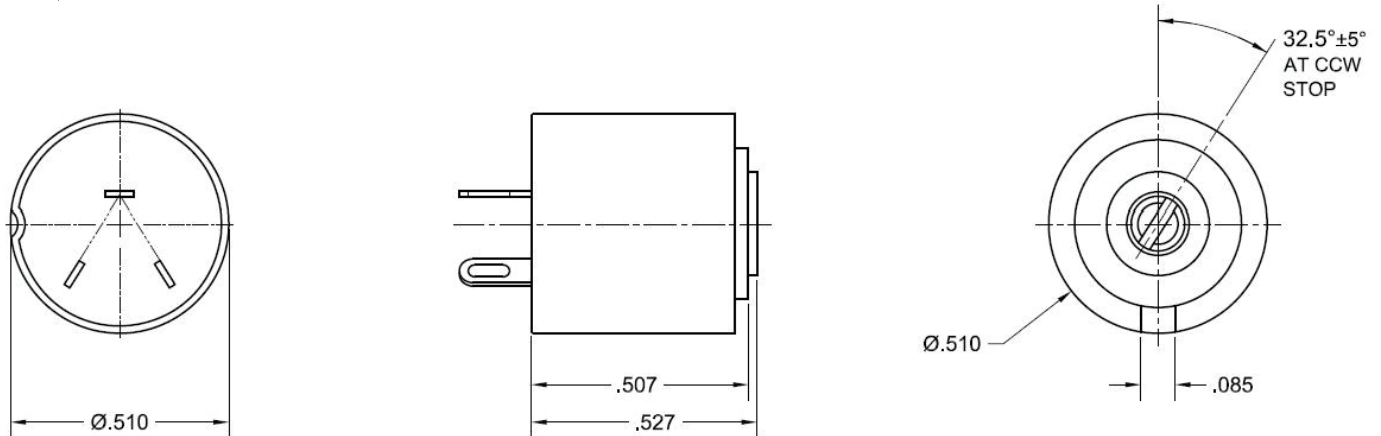
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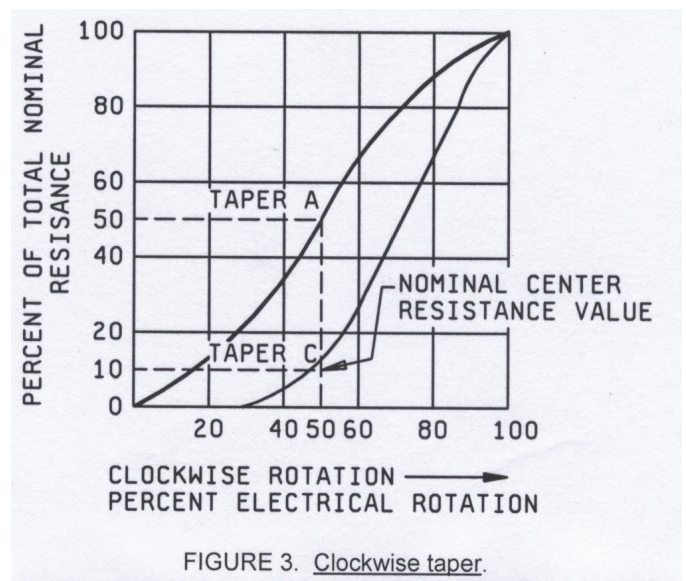
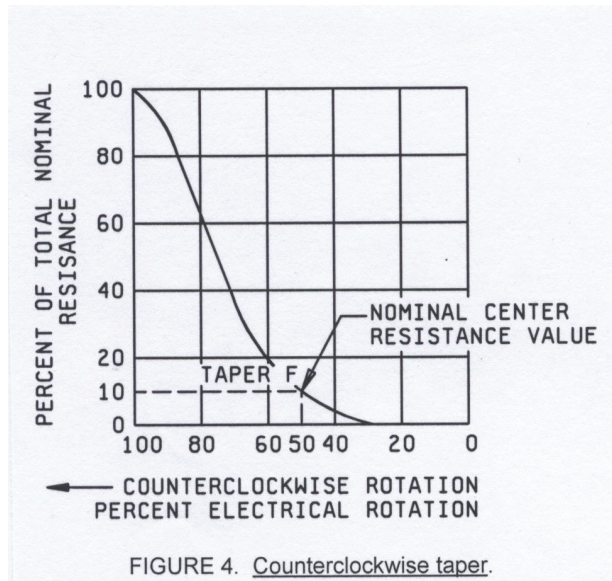
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Standard Bushing



Percent Of Total Nominal Resistance



Ordering Information - Military Part Numbers

Style	Terminal	Ground Lug	Taper	Resistance Value	Taper and tolerance
P	Blank = Lug Terminal R = Pin Terminal	G = with ground lug Blank = without lug	U = linear A = logarithmic B = reverse logarithmic	total resistance value in Ω : first two digits significant, third digit = number of zeroes	1 = 10% of nominal 2 = 20% of nominal

Example: PU1052

note: not all part number combinations are valid