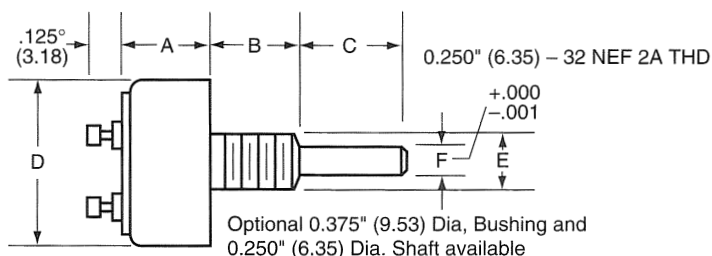
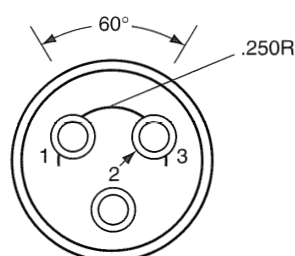


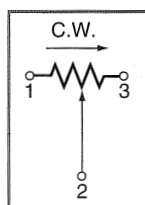
ROTARY PRECISION POTENTIOMETERS

7501 SERIES

3/4" DIAMETER, WIRE-WOUND, SINGLE-TURN



Lock washers and hex-mtg. nuts supplied with each unit.
Unless otherwise stated, tolerances are ± 0.015 (.38)



ORDERING INFORMATION

7501 — 10K

Indicate
Type
Number

Indicate
Resistance
Value

DIMENSIONS							
Length				Diameter			
Model	Turns	A (Overall)	B (Bushing)	C (Shaft)	D (Overall)	E (Bushing)	F (Shaft)
7501	1	.400*(10.16)	.375*(9.53)	.500*(12.70)	.750*(19.05)	Standard .250*(6.35)	.125*(3.18)

NOTE: Metric conversion in mm in brackets

SPECIFICATIONS

ELECTRICAL

	STANDARD
Power Rating	2.25W @ 40°C
Standard Resistance Range	50Ω to 50KΩ
Resistance Tolerance	±5% std.
Temperature Coefficient (wire)	±20ppm/°C max.
Linearity (independent)	±1%
Noise During Adjustment (ENR)	100Ω max.
Absolute Minimum Resistance	1Ω or 0.25% (W.I.G.)
Insulation Resistance	1000MΩ @ 500 VDC

MECHANICAL

	STANDARD
Operating Temperature Range	-55° to +125°C
Total Adjustment Turns	1

Mechanical Rotation	Continuous
Operating Torque	2 oz.-in. max.
Mechanical Stops	Available on special order.
Electrical Travel	345° ±5°

ENVIRONMENTAL

Models 7501 meets, or exceeds, all of the environmental and life requirements of MIL-R-12934.

Standard Resistance Values Available (Ω)	Nominal Resolution (%)
50	0.44
100	0.36
250	0.23
500	0.22
1K	0.22
5K	0.12
10K	0.096
50K	0.062

-- An Electromotive Solutions Company --

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