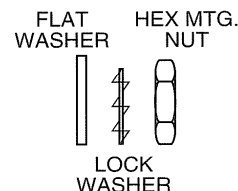
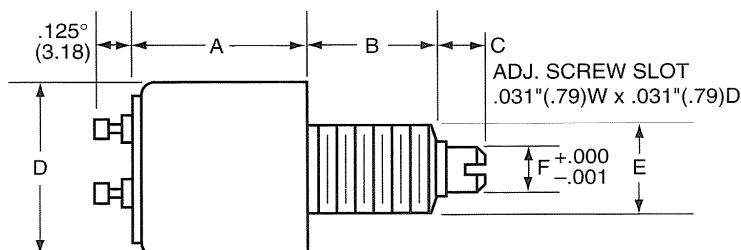
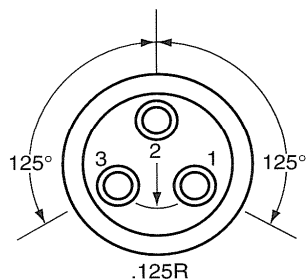




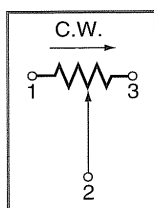
ROTARY PRECISION POTENTIOMETERS

5001 SERIES

1/2" DIAMETER, WIRE-WOUND, SINGLE-TURN



Lock washers and hex-mtg. nuts supplied with each unit.
Unless otherwise stated, tolerances are $\pm .015$ ".(38)



ORDERING INFORMATION
5001 — 500
Indicate Type Number Indicate Resistance Value

DIMENSIONS							
Length					Diameter		
Model	Turns	A (Body)	B (Bushing)	C (Shaft)	D (Overall)	E (Bushing)	F (Shaft)
5001	1	.482"(12.37)	.375"(9.53)	.125"(3.17)	.500"(12.70)	32 NEF 2A THD .250"(6.35)	.125"(3.18)

NOTE: Metric conversion in mm in brackets

OPTIONAL COLLECTED BUSHING OR LOCKNUT IS AVAILABLE

SPECIFICATIONS

ELECTRICAL

	STANDARD
Power Rating	2W @ 40C
Standard Resistance Range	10Ω to 50KΩ
Resistance Tolerance	±5% std.
Temperature Coefficient (wire)	±20ppm/°C max.
Linearity (independent)	±5.0%
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	-65° to +150°C
Total Adjustment Turns	1

Mechanical Rotation	Continuous
Operating Torque	2 oz.-in. max.
Mechanical Stops	320° ±5° on request
Electrical Travel	320° ±5°

ENVIRONMENTAL

Models 5001 meets, or exceeds, all of the environmental and life requirements of MIL-R-39002.

Standard Resistance Values Available (Ω)	Nominal Resolution (%)
10	0.98
50	0.74
100	0.59
500	0.30
1K	0.27
5K	0.19
10K	0.14
50K	0.09

Higher values available—consult factory.

-- An Electromotive Solutions Company --

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