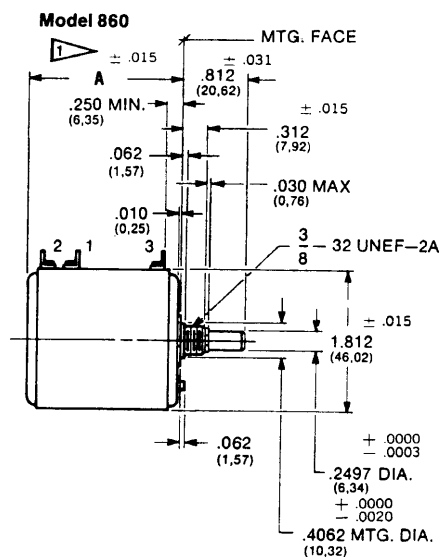
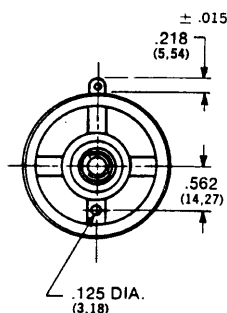
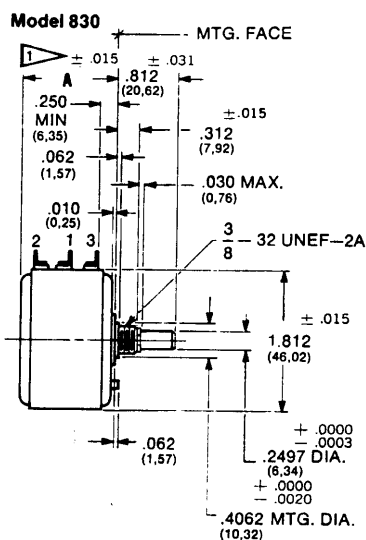


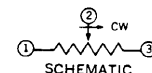
830, 860

MULTI-TURN POTENTIOMETERS



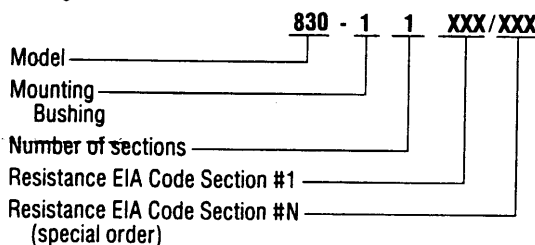
Model	Dimension A		Maximum Sections
	Single Section	Add for each Additional Section	
830	1.218	1.010	2
860	2.000	1.787	2

TOLERANCES: UNLESS OTHERWISE NOTED.
DECIMALS $\pm .005$ ANGLES $\pm 2^\circ$
BASIC DIMENSIONS ARE IN INCHES
MILLIMETER DIMENSIONS IN PARENTHESES



HOW TO ORDER THE MODEL 830 OR 860

Models can be ordered from this specification sheet by stating:



EIA Code	Standard Resistance	Model 830		Model 860	
		Resolution %	Temp. Coef. PPM/°C	Resolution %	Temp. Coef. PPM/°C
200	20Ω	0.094	800	0.044	800
500	50Ω	0.074	800	0.027	800
101	100Ω	0.071	180	0.024	800
201	200Ω	0.072	20	0.028	180
501	500Ω	0.064	110	0.023	20
102	1KΩ	0.050	110	0.018	20
202	2KΩ	0.047	20	0.020	110
502	5KΩ	0.035	20	0.015	20
103	10KΩ	0.029	20	0.013	20
203	20KΩ	0.024	20	0.010	20
503	50KΩ	0.017	20	0.007	20
104	100KΩ	0.015	20	0.007	20
154	150KΩ	0.013	20		
204	200KΩ			0.005	20
504	500KΩ			0.004	20

830, 860	
Materials	
Housing	Glass filled Thermoset Plastic Aluminum, Anodized Glass filled Nylon Glass filled Thermoset Stainless Steel Stainless Steel Brass, Plated, Solderable
Bushing	
Lids: Rear	
Front	
Shaft	
Clamp Ring (Dual Gang Only)	
Terminals	
Bushing Mount Hardware:	
Lockwasher, Internal Tooth	
Panel Nut	
Steel, Nickel Plated	
Brass, Nickel Plated	
Electrical Specifications	
Dielectric Withstanding	1,000v RMS, 60Hz
Insulation Resistance	1,000MΩ, 500v dc
Peak Noise/Output Smoothness	100Ω ENR
Environmental Specifications	
Moisture Resistant	Yes
Vibration	15g, 10 to 2,000Hz
Shock	50g
Salt Spray	96 Hours
Load Life	900 Hours
Temperature Range	-55°C to +125°C
Sealing	Available
Mechanical Specifications	
Bearing Type:	
Bushing Mount	Sleeve
Operating Torque: oz-in	
Bushing: 1 Section	Starting 1.75 Running 1.26
Each Add Section	0.80 0.59
Mechanical Tolerance: in. Max	
Shaft Runout (TIR/in)	Bushing 0.002
Pilot dia. Runout (TIR)	0.002
Lateral Runout (TIR)	0.005
Shaft End Play	0.010
Shaft Radial Play	0.003



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