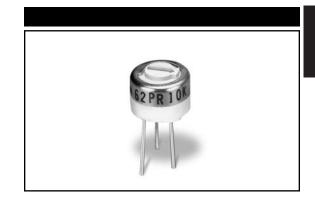
MODEL 62 1/4" Diameter Single Turn Cermet Trimming Potentiometer



ELECTRICAL

Standard Resistance Range, Ohms	10 to 1Meg		
Standard Resistance Tolerance	±10% (<100 0hms = ±20%)		
Input Voltage, Maximum	200 Vdc or rms not to exceed power rating		
Slider Current, Maximum	100mA or within rated power, whichever is less		
Power Rating, Watts	0.5 at 70°C derating to 0 at 125°C		
End Resistance, Maximum	2 Ohms		
Actual Electrical Travel, Nominal	220°		
Dielectric Strength	600Vrms		
Insulation Resistance, Minimum	100 Megohms		
Resolution	Essentially infinite		
Contact Resistance Variation, Maximum	1% or 1 Ohm, whichever is greater		

ENVIRONMENTAL

Seal	85°C Fluorinert® (No Leaks)
Temperature Coefficient, Maximum	±100ppm/°C
Operating Temperature Range	−55°C to +125°C
Thermal Shock	5 cycles, -55°C to +125°C (1% ΔRT, 1% ΔVR)
Moisture Resistance	Ten 24 hour cycles (1% ΔRT, IR 100 Megohms Min.)
Shock, 6ms Sawtooth	100G's (1% ΔRT, 1% ΔVR)
Vibration	20G's, 10 to 2,000 Hz (1% ΔRT, 1% ΔVR)
High Temperature Exposure	250 hours at 125°C (2% ΔRT, 2% ΔVR)
Rotational Life	200 cycles (2% ΔRT)
Load Life at 0.5 Watts	1,000 hours at 70°C (2% ΔRT)
Resistance to Solder Heat	260°C for 10 sec. (1% ΔRT)

MECHANICAL

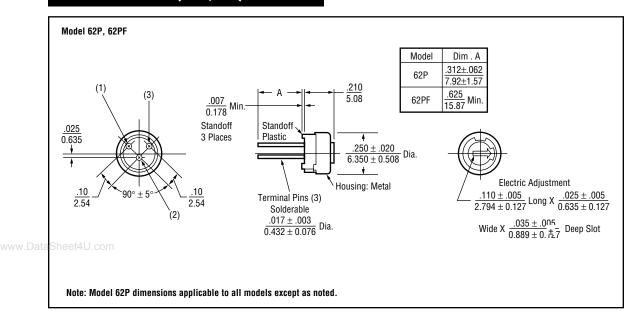
Mechanical Stops	Solid
Torque, Starting Maximum	3 ozin. (0.021 N-m)
Weight, Nominal	.02 oz. (0.60 grams)

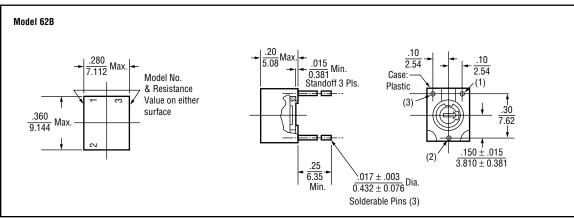
 $\label{lem:problem} Fluorinert \textcircled{\mathbb{B} is a registered trademark of 3M Company.} \\ Specifications subject to change without notice. \\$

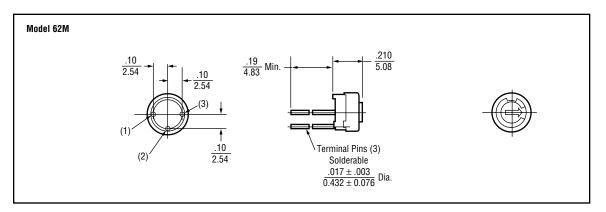


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Model 62









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Model 62

STANDARD RESISTANCE VALUES, OHMS

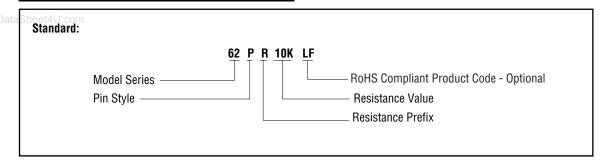
10	200	5K	50K	500K	
20	500	10K	100K	1Meg	
50	1K	20K	200K		
100	2K	25K	250K		

PACKAGING

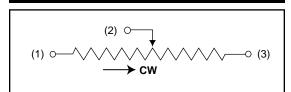
Standard: Plastic Bags

Capacity = 100 Units

ORDERING INFORMATION



CIRCUIT DIAGRAM



NOTES

Metric equivalents, based on 1 inch = 25.4mm are rounded to the same number of significant figures as in the original English units and are provided for general information only.

Tolerances unless otherwise specified: Linear = \pm .01 inches (.25mm) Angular = \pm 2 degrees

