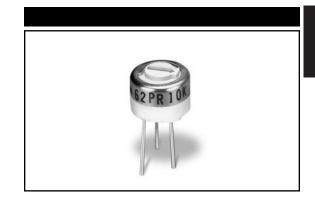
# MODEL 62 1/4" Diameter Single Turn Cermet Trimming Potentiometer



# 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 pow					
Slider Current, Maximum 100mA or within rated power, whicheve					
Power Rating, Watts 0.5 at 70°C derating to 0 at 70°C derating to					
End Resistance, Maximum					
Actual Electrical Travel, Nominal					
Dielectric Strength					
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

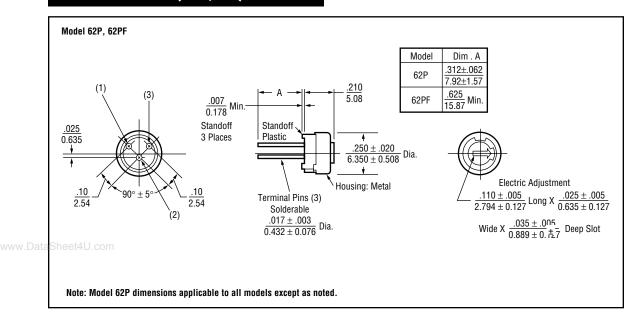
Mechanical Stops	Solid
Torque, Starting Maximum	3 ozin. (0.021 N-m)
Weight, Nominal	.02 oz. (0.60 grams)

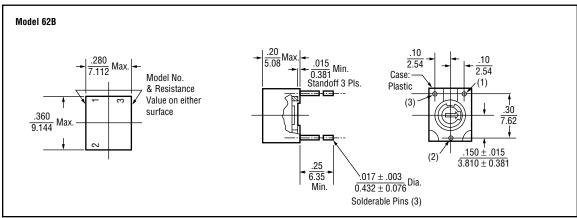
 $\label{lem:problem} Fluorinert \textcircled{$\mathbb{B}$ is a registered trademark of 3M Company.} \\ Specifications subject to change without notice. \\$ 

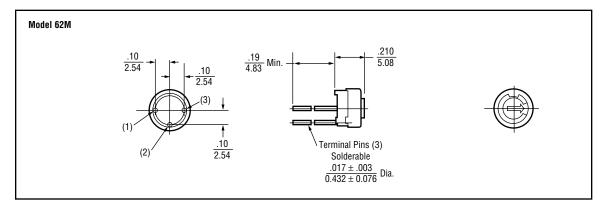


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Model 62







**F** Bi technologies

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Model 62

# STANDARD RESISTANCE VALUES, OHMS

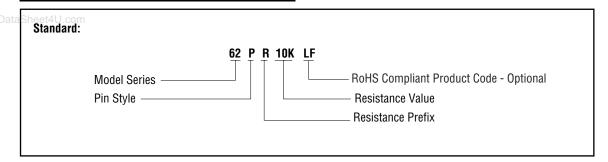
10	200	5K	50K	500K	
20	500	10K	100K	1Meg	
50	1K	20K	200K		
100	2K	25K	250K		

# PACKAGING

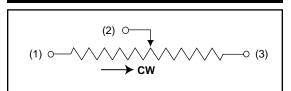
**Standard:** Plastic Bags

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

