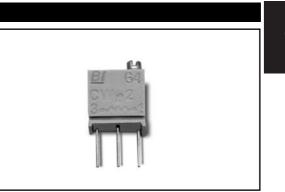
MODEL 64 1/4" Square **Multiturn Cermet Trimming Potentiometer**



ELECTRICAL

Standard Resistance Range, Ohms	10 to 1Meg
Standard Resistance Tolerance	±10%
Input Voltage, Maximum	200Vdc or rms not to exceed power rating
Slider Current, Maximum	100mA or within rated power, whichever is less
Power Rating, Watts	0.25 at 85°C derating to 0 at 150°C
End Resistance, Maximum	2 Ohms
Actual Electrical Travel, Turns, Nominal	12
Dielectric Strength	900Vrms
Insulation Resistance, Minimum	a 📣 1,000 Megohms
Resolution	Essentially infinite
Contact Resistance Variation, Maximum	1% or 1 Ohms, whichever is greater
ENVIRONMENTAL	CO

ENVIRONMENTAL

ENVIRONMENTAL	CON
Seal	85°C Fluorinert® (No Leaks)
Temperature Coefficient, Maximum	±100ppm/°C
Operating Temperature Range	–65°C to +150°C
Thermal Shock	5 cycles, -65°C to +150°C (1% ΔRT, 1% ΔVR)
Moisture Resistance	Ten 24 hour cycles (1% △RT, IR 1,000 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 85°C (2% ΔRT)
Resistance to Solder Heat	260°C for 10 sec. (1% Δ RT)

MECHANICAL

Mechanical Stops	Clutch action, both ends
Torque, Starting Maximum	3 ozin. (0.021 N-m)
Weight, Nominal	.014 oz. (0.40 grams)

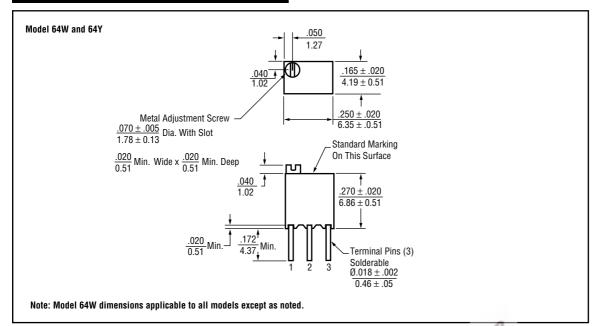
Fluorinert® is a registered trademark of 3M Company. Specifications subject to change without notice.

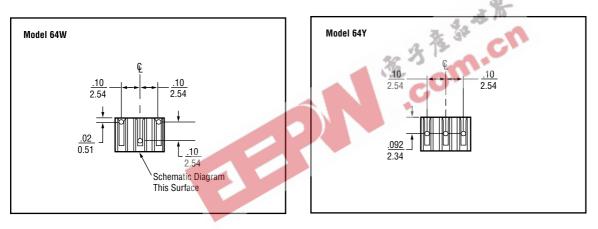


Model 64

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TOP ADJUSTMENT (Inch/mm)

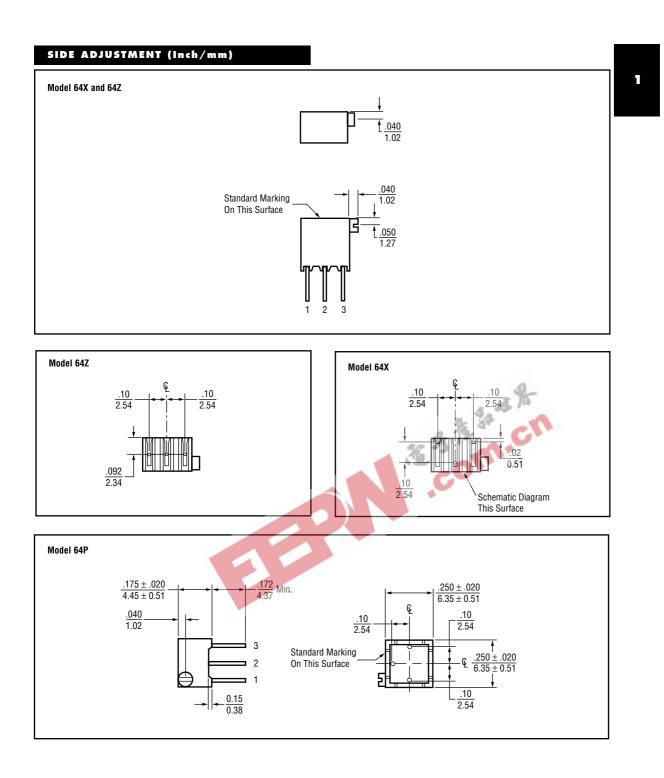




STANDARD RESISTANCE VALUES, OHMS

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

1-36





1-37

Model 64

PACKAGING

Standard:	Tubes					
	All units oriented with #1 pin to same side.					
		Pin Style		P,W,Y	X,Z	
	Magazine	Width	=	0.38" (9.65 mm)	0.38" (9.65 mm)	
		Height	=	0.62" (15.75mm)	0.62" (15.75mm)	
		Length	=	14.5" (368 mm)	16.9" (429 mm)	
		Capacity	=	50 Units	50 Units	
Option:				nly for 64Y and 64Z) ht of the direction of fe	eed.	
Option:		ented with #1 pin to Seat Plane to Centerline of		ht of the direction of fe	eed.	
Option:	All units ori	ented with #1 pin to Seat Plane to Centerline of Sprocket Hole		ht of the direction of fe	ed.	
Option:		ented with #1 pin to Seat Plane to Centerline of Sprocket Hole Width	o the rig	ht of the direction of fe .71" (18 mm) 18 mm		
Option:	All units ori	ented with #1 pin to Seat Plane to Centerline of Sprocket Hole Width Sprocket	o the rig =	ht of the direction of fe .71" (18 mm) 18 mm Single Hole .50" sp		
Option:	All units ori	ented with #1 pin to Seat Plane to Centerline of Sprocket Hole Width Sprocket Capacity	o the rig = =	.71" (18 mm) 18 mm Single Hole .50" sp 1,000 Units		
Option:	All units ori Tape Reel	ented with #1 pin to Seat Plane to Centerline of Sprocket Hole Width Sprocket Capacity Diameter	the rig = = = =	.71" (18 mm) 18 mm Single Hole .50" sp 1,000 Units 14" (363 mm)		
Option:	All units ori	ented with #1 pin to Seat Plane to Centerline of Sprocket Hole Width Sprocket Capacity Diameter Tape Fold	= = = = =	.71" (18 mm) 18 mm Single Hole .50" sp 1,000 Units 14" (363 mm) 12"		
Option:	All units ori Tape Reel	ented with #1 pin to Seat Plane to Centerline of Sprocket Hole Width Sprocket Capacity Diameter	= = = = = = =	.71" (18 mm) 18 mm Single Hole .50" sp 1,000 Units 14" (363 mm)	acing	A

