MODEL 25 1/4" Square Single Turn Cermet Trimming Potentiometer



ELECTRICAL

10 to 2Meg
±10%
250 Vdc or rms not to exceed power rating
0.5 at 70°C derating to 0 at 125°C
1% or 2 Ohm, whichever is greater
210°
900Vrms
1,000 Megohms
Essentially infinite
1% or 3 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 (2% ΔRT, 2% ΔVR)
Moisture Resistance	Ten 24 hour cycles (3% Δ RT)
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 Ohms +3% ΔRT)
Load Life at 0.5 Watts	1,000 hours at 70°C (3% ΔRT, 3% ΔVR)
Resistance to Solder Heat	350°C for 3 sec. (1% ΔRT)

MECHANICAL

Mechanical Stops	Solid
Stop Strength, Minimum	6 ozin. (500 gr-cm)
Torque, Maximum	3 ozin. (200 gr-cm)
Weight, Nominal	.01 oz. (0.3 grams)

 ${\rm Fluorinert} \circledast$ is a registered trademark of 3M Company. Specifications subject to change without notice.



1-17

Model 25

TOP ADJUSTMENT (Inch/mm)



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Model 25

SIDE ADJUSTMENT (Inch/mm)



1

PACKAGING

Standard: Tubes, all styles, 50 units/tube All units oriented with #1 pin to same side. Option : Tape & Reel, Ammo Pack (Available only for 25U and 25V) All units oriented with #3 pin towards direction of feed. Seat Plane to Centerline of Sprocket Hole .71" (18 mm) = Tape Width 18 mm = Single Hole .50" spacing Sprocket = 750 Units U style, 1000 V style Capacity = Reel 14" (363 mm) Diameter = Ammo Tape Fold 12" = 2.0" x 13.4" x 13.8" Box = (50mm x 340mm x 350mm)

ORDERING INFORMATION



