

MODEL 35

New Product

3 mm Single-Turn
Open Frame Surface Mount
Cermet Trimming
Potentiometer

RoHS Compliant



MODELS AVAILABLE

Top Adjust	35W
------------	-----

ELECTRICAL¹

Resistance Range	100 to 1,000,000 Ohms
Standard Resistance Tolerance	± 25%
Input Voltage, Maximum	50 V
Power rating, Watts	0.1 @ 70°C
End Resistance, Maximum	>1000 Ohms: 20 Ohms Max; > 1000 Ohms: 2% Max.
Actual Electrical Travel	220° ±20°
Mechanical Travel (35E)	280° ±20°
Insulation Resistance, Minimum	100 Megohms
Resolution	Essentially infinite
Contact Resistance Variation	5% Max.
Temperature Coefficient of Resistance	±250 ppm/°C

MECHANICAL

Torque, Maximum (35W, 35C)	2.8 in. oz.
Torque, Maximum (35E)	1.4 in. oz.
Weight, Approx.	0.01 oz.
Wiper Position	Approx. 50%

¹ Specifications subject to change without notice.

ENVIRONMENTAL

Operating Temperature Range	-40°C to +125°C
Rotational Life, 20 Cycles	±15% ΔR
Load Life, 0.1W, 1000 Hours, 70°C	±5% ΔR
Resistance to Solder Heat	260°C for 10 sec.
Aqueous cleaning not recommended	

ORDERING INFORMATION²



CIRCUIT DIAGRAM



PACKAGING



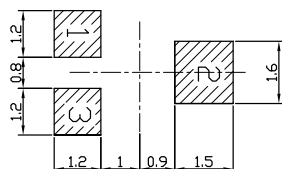
² Contact our customer service for custom designs and features.

STANDARD RESISTANCE VALUES

Resistance (ohms)
100
200
500
1K
2K
5K
10K
20K
50K
100K
200K
500K
1MEG

OUTLINE DRAWING³

Model 35W (Top Adjust)



Recommended land pattern

³ Dimensions are mm.