

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.