

FEATURES

Multiturn/ Cermet/ Industrial/ Sealed , 5 Terminal Styles

Electrical Characteristics

| | |
|------------------------------|---|
| Standard Resistance Range | 10Ω - 5MΩ |
| Resistance Tolerance | ±10% ; ±20% for 10 ohm |
| Absolute Minimum Resistance | ≤10Ω (100Ω≤R≤1KΩ) ≤1%R(R>1KΩ) |
| Contact Resistance Variation | CRV≤3% or 5Ω (whichever is larger) |
| Insulation Resistance | R1≥1GΩ(100Vac) |
| Withstand Voltage | 220VDC |
| Effective Travel | 12±2 turns nom |

Environmental Characteristics

| | |
|------------------------------|---|
| Power Rating (315volts max) | 0.25W@70°C, 0W@125°C |
| Temperature Range | -55°C ~ +125°C |
| Temperature Coefficient | ±200ppm/°C (±100ppm/°C on request) |
| Temperature Variation | -55°C, 30min, +125°C 30min, 5 cycles ΔR≤5%R, Δ(Uab/Uac)≤5% |
| Vibration | 10 - 500Hz, 0.75mm, 6h ΔR≤5%R, Δ(Uab/Uac)≤7.5% |
| Collision | 390m/s ² , 4000cycles, ΔR≤5%R |
| Electrical Endurance at 70°C | 0.25W@70°C 1000h, ΔR≤10%R CRV≤3% or 5Ω (whichever is larger) |
| Rotational Life | 200 cycles ΔR≤10%R, CRV≤3% or 5Ω |

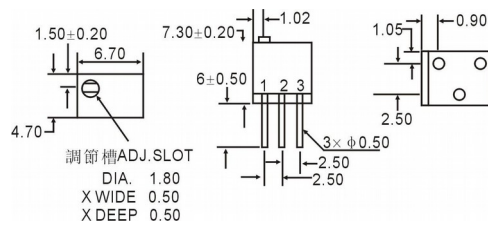
Physical Characteristics

| | |
|--------------------|--|
| Starting Torque | ≤35mN·m |
| Marking | Resistance Tolerance(When no identification, it is of ± 10%) Resistance Code, Model |
| Standard Packaging | 50pcs, per tube |

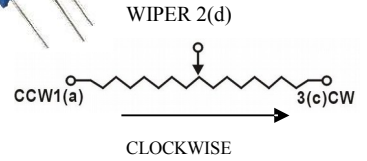
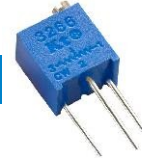
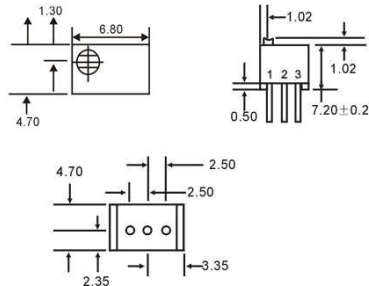
PICTURE

Common Dimensions

T67W



T67Y



Tolerance is ±0.25 if no identification

Resistance Table

| Resistance(Ohms) | Resistance Code |
|------------------|-----------------|
| 10 | 100 |
| 20 | 200 |
| 50 | 500 |
| 100 | 101 |
| 150 | 151 |
| 200 | 201 |
| 250 | 251 |
| 300 | 301 |
| 470 | 471 |
| 500 | 501 |
| 680 | 681 |
| 1,000 | 102 |
| 1,500 | 152 |
| 2,000 | 202 |
| 2,200 | 222 |
| 2,500 | 252 |
| 3,000 | 302 |
| 4,700 | 472 |
| 5,000 | 502 |
| 6,800 | 682 |
| 10,000 | 103 |
| 15,000 | 153 |
| 20,000 | 203 |
| 22,000 | 223 |
| 25,000 | 253 |
| 30,000 | 303 |
| 33,000 | 333 |
| 47,000 | 473 |
| 50,000 | 503 |
| 68,000 | 683 |
| 100,000 | 104 |
| 150,000 | 154 |
| 200,000 | 204 |
| 220,000 | 224 |
| 250,000 | 254 |
| 300,000 | 304 |
| 330,000 | 334 |
| 470,000 | 474 |
| 500,000 | 504 |
| 680,000 | 684 |
| 1,000,000 | 105 |
| 2,000,000 | 205 |
| 2,200,000 | 225 |
| 5,000,000 | 505 |

Special resistances available.

Note: Specifications are subject to change without notice.

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