



Features:

- Single-Turn Cermet Trimmer/Industrial/Sealed.
- 6mm (1/4") Square.
- Higher rated power thanks to the use of cermet resistor element.
- Excellent reliability for heat and humidity.
- Tighter resistance tolerances available.
- RoHS compliant version available, add suffix "LF" to part number.



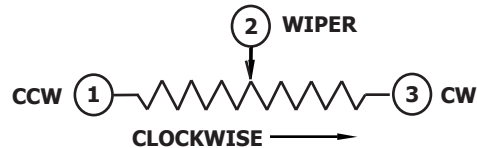
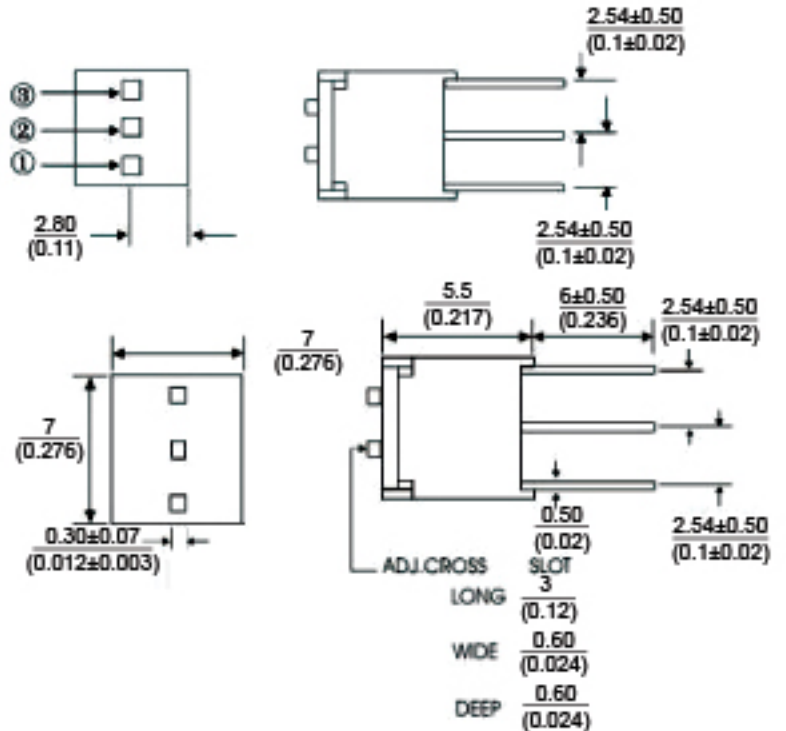
Characteristics:

| Electrical Characteristics | |
|-------------------------------|---|
| Standard Resistance Range | 10Ω ~2MΩ |
| Resistance Tolerance | ±10% |
| Absolute Minimum Resistance | ≤1% or 10Ω (whichever is greater) |
| Contact Resistance Variation | CRV ≤ 3% or 5Ω (whichever is greater) |
| Insulation Resistance | R1 ≥ 1GΩ (500Vac) |
| Withstand Voltage | 707Vac |
| Effective Travel | 250°. |
| Environmental Characteristics | |
| Power Rating(315 volts max) | 0.25W @ 70°C 0W @ 100°C |
| Temperature Range | -55°C ~ 100°C |
| Temperature Coefficient | ±100ppm/°C |
| Temperature Variation | -55°C, 30min, +100°C 30min 5 cycles ΔR ≤ 5%R, Δ(Uab/Uac) ≤ 5% |
| Vibration | 10 ~ 500Hz, 0.75mm, 6h ΔR ≤ 2%R, Δ(Uab, Uac) ≤ 7.5% |
| Collision | 390m/s², 4000 cycles, ΔR ≤ 5%R |
| Electrical Endurance at 70°C | 0.25W @ 70°C 1000h, ΔR ≤ 10%R CRV ≤ 3% or 5Ω |
| Rotational Life | 200 cycles ΔR ≤ 10%R CRV ≤ 3% or 5Ω |
| Physical Characteristics | |
| Starting Torque | ≤ 30mN |
| Marking | Resistance Code, Model, DC |
| Standard Packaging | 50pcs, per tube |

Dimensions:

Tolerances: ±0.25mm(0.01") IF NOT IDENTIFIED
Units of dimensions: $\frac{\text{mm}}{\text{(inches)}}$

Install Dimensions:



Part Numbering System

| Part Number | Resistance (Ohms) | Part Number | Resistance (Ohms) |
|---------------|-------------------|---------------|-------------------|
| 3323U-1-100__ | 10 | 3323U-1-203__ | 20,000 |
| 3323U-1-200__ | 20 | 3323U-1-253__ | 25,000 |
| 3323U-1-500__ | 50 | 3323U-1-503__ | 50,000 |
| 3323U-1-101__ | 100 | 3323U-1-104__ | 100,000 |
| 3323U-1-201__ | 200 | 3323U-1-204__ | 200,000 |
| 3323U-1-501__ | 500 | 3323U-1-254__ | 250,000 |
| 3323U-1-102__ | 1,000 | 3323U-1-504__ | 500,000 |
| 3323U-1-202__ | 2,000 | 3323U-1-105__ | 1,000,000 |
| 3323U-1-502__ | 5,000 | 3323U-1-205__ | 2,000,000 |
| 3323U-1-103__ | 10,000 | | |

Nil = 90% Tin, 10% Lead plated
LF = 100% Tin plated (RoHS compliant)

Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.