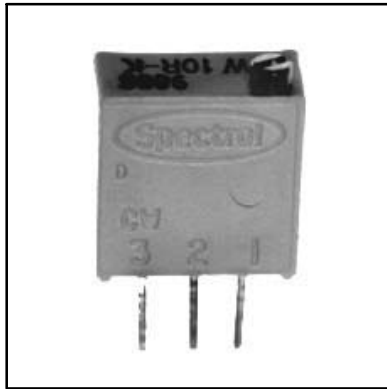


## Features

- Multifinger precious metal wiper for long term set point stability
- Central pivot locating gear for improved stability
- Unique ratchet device integral with gear to ensure long term reliability
- Double chevron shaft for sealing plus constant torque and reliable adjustability
- IC style pins for easier board insertion

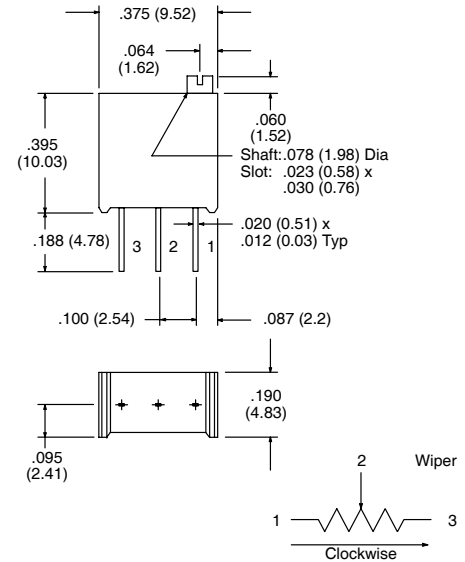


| Spectrol No. | NTE Part No. | Value (Ohms) | Adjust | Diag No. |
|--------------|--------------|--------------|--------|----------|
| 64W-100      | 500-0192     | 10           | Top    | T6       |
| 64W-200      | 500-0193     | 20           | Top    | T6       |
| 64W-500      | 500-0194     | 50           | Top    | T6       |
| 64W-101      | 500-0195     | 100          | Top    | T6       |
| 64W-201      | 500-0196     | 200          | Top    | T6       |
| 64W-501      | 500-0197     | 500          | Top    | T6       |
| 64W-102      | 500-0198     | 1K           | Top    | T6       |
| 64W-202      | 500-0199     | 2K           | Top    | T6       |
| 64W-502      | 500-0200     | 5K           | Top    | T6       |
| 64W-103      | 500-0201     | 10K          | Top    | T6       |
| 64W-203      | 500-0202     | 20K          | Top    | T6       |
| 64W-253      | 500-0203     | 25K          | Top    | T6       |
| 64W-503      | 500-0204     | 50K          | Top    | T6       |
| 64W-104      | 500-0205     | 100K         | Top    | T6       |
| 64W-204      | 500-0206     | 200K         | Top    | T6       |
| 64W-254      | 500-0207     | 250K         | Top    | T6       |
| 64W-504      | 500-0208     | 500K         | Top    | T6       |
| 64W-105      | 500-0209     | 1M           | Top    | T6       |
| 64W-205      | 500-0210     | 2M           | Top    | T6       |

# Spectrol 64W Series

## Trimmer – 3/8” square, multiturn cermet

### T6



## Specifications

### Electrical

**Effective Travel:** 25 turns nom

**Resistance Range:** 10Ω to 2 Meg Ω

**Resistance Tolerance:** ±10%

**End Resistance:** Less than 2Ω

**Temperature Coefficient of Resistance:**

100 ppm/°C. 100Ω thru 2 Meg Ω

0 to +250 ppm/°C. below 100Ω

**Power Rating:** 1/2 Watt @ 70°C derated to 0 Watts @ 125°C

**Dielectric Withstanding Voltage:**

1000V AC at sea level

250V AC at 80,000 feet (24,400 meters)

**Insulation Resistance:** 1000 Meg Ω min

**Contact Resistance Variation:** 2% or 20Ω, whichever is greater

### Mechanical

**Stop:** Contact idles at stop

**Operating Torque:** 3mNm nom

**Resistance Element:** Cermet

**2-Terminal Adjustability:** 0.05% of RT

**3-Terminal Adjustability:** 0.01% of applied voltage

### Environmental

**Operating Temperature:** -55°C to +125°C

**Electrical Endurance:** 1000 hour

**Mechanical Life:** 200 cycles