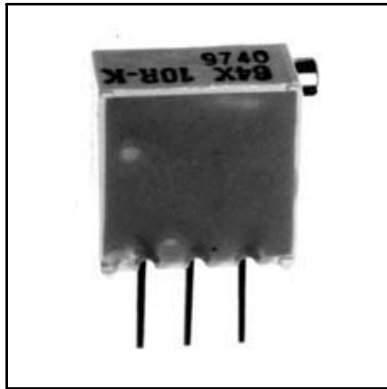


## Features

- 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

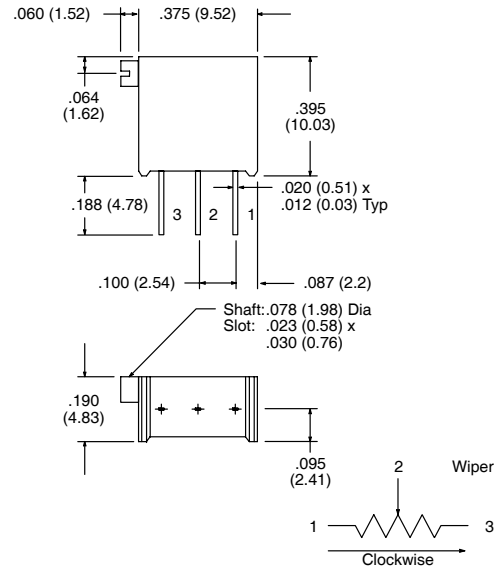


Spectrol No.	NTE Part No.	Value (Ohms)	Adjust	Diag No.
64X-100	500-0215	10	Side	T7
64X-200	500-0216	20	Side	T7
64X-500	500-0217	50	Side	T7
64X-101	500-0218	100	Side	T7
64X-201	500-0219	200	Side	T7
64X-501	500-0220	500	Side	T7
64X-102	500-0221	1K	Side	T7
64X-202	500-0222	2K	Side	T7
64X-502	500-0223	5K	Side	T7
64X-103	500-0224	10K	Side	T7
64X-203	500-0225	20K	Side	T7
64X-253	500-0226	25K	Side	T7
64X-503	500-0227	50K	Side	T7
64X-104	500-0228	100K	Side	T7
64X-204	500-0229	200K	Side	T7
64X-254	500-0230	250K	Side	T7
64X-504	500-0231	500K	Side	T7
64X-105	500-0232	1M	Side	T7
64X-205	500-0233	2M	Side	T7

# Spectrol 64X Series

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

T7



## 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