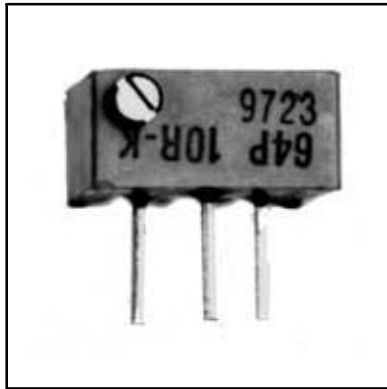


## Features

- 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

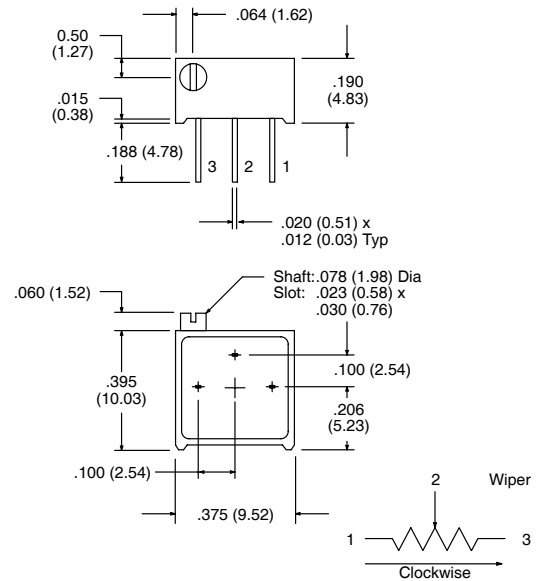


Spectrol No.	NTE Part No.	Value (Ohms)	Adjust	Diag No.
64P-100	500-0170	10	Side	T5
64P-200	500-0171	20	Side	T5
64P-500	500-0172	50	Side	T5
64P-101	500-0173	100	Side	T5
64P-201	500-0174	200	Side	T5
64P-501	500-0175	500	Side	T5
64P-102	500-0176	1K	Side	T5
64P-202	500-0177	2K	Side	T5
64P-502	500-0178	5K	Side	T5
64P-103	500-0179	10K	Side	T5
64P-203	500-0180	20K	Side	T5
64P-253	500-0181	25K	Side	T5
64P-503	500-0182	50K	Side	T5
64P-104	500-0183	100K	Side	T5
64P-204	500-0184	200K	Side	T5
64P-254	500-0185	250K	Side	T5
64P-504	500-0186	500K	Side	T5
64P-105	500-0187	1M	Side	T5
64P-205	500-0188	2M	Side	T5

# Spectrol 64P Series

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

T5



## 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