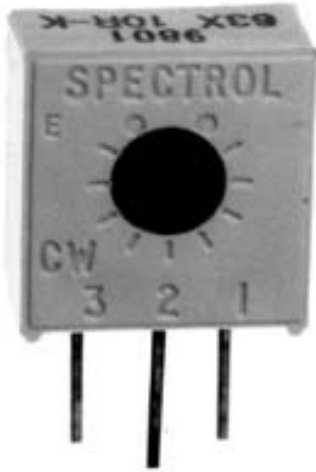


## Features

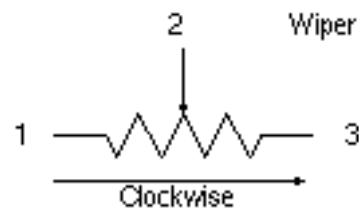
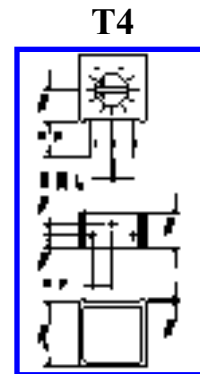
- Multifinger wiper for better contact resistance
- Arrow and graduations for repeatable settings
- "O" ring seal for solvent and aqueous washing
- IC style pins for easier board insertion
- Solid end stop



# Spectrol 63X Series

## Trimmer - 3/8" square, single turn, cermet

### Dimensional Drawing



Spectrol No.	NTE Part No.	Value Ohms	Adjust	Diag. No.
63X-100	500-0365	10	Side	T4
63X-200	500-0366	20	Side	T4
63X-500	500-0367	50	Side	T4
63X-101	500-0368	100	Side	T4
63X-201	500-0369	200	Side	T4
63X-501	500-0370	500	Side	T4
63X-102	500-0371	1K	Side	T4
63X-202	500-0372	2K	Side	T4
63X-502	500-0373	5K	Side	T4
63X-103	500-0374	10K	Side	T4
63X-203	500-0375	20K	Side	T4
63X-253	500-0376	25K	Side	T4
63X-503	500-0377	50K	Side	T4
63X-104	500-0378	100K	Side	T4
63X-204	500-0379	200K	Side	T4
63X-254	500-0380	250K	Side	T4
63X-504	500-0381	500K	Side	T4
63X-105	500-0382	1M	Side	T4
63X-205	500-0383	2M	Side	T4

## Specifications

### Electrical

**Effective Travel:** 270° nom

**Resistance Range:** 10 Ohms to 2 Meg Ohm

**Resistance Tolerance:** ±10%

**End Resistance:** 2 Ohms max

**Temperature Coefficient of Resistance:**

100ppm/°C. 100 Ohms to 2 Meg Ohms

0 to +250ppm/°C. below 100 Ohms

**Power Rating:** 1/2W @ +70°C derated to 0W @ +125°C

**Dielectric Withstanding Voltage:**

1000V AC at sea level

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

**Insulation Resistance:** 1000 Meg Ohms min

**Contract Resistance Variation:** 2% or 20 Ohms, whichever is greater

### Mechanical

**Stop:** Solid

**Starting Torque:** 35mNm max

Spectrol 63X Series

**Resistance Element:** Cermet

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

**3-Terminal Adjustability:** 0.05% of applied voltage

**Environmental**

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

**Electrical Endurance:** 1000 hr.

**Mechanical Life:** 200 cycles

