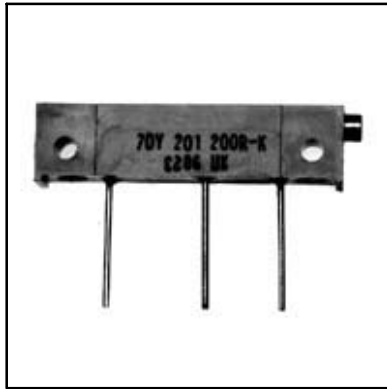


Features

- Multifinger wiper for better contact resistance variation
- Unique "T" slider block for excellent stability and setability
- Chevron shaft for sealing and smooth constant torque
- IC style pins for easier board insertion

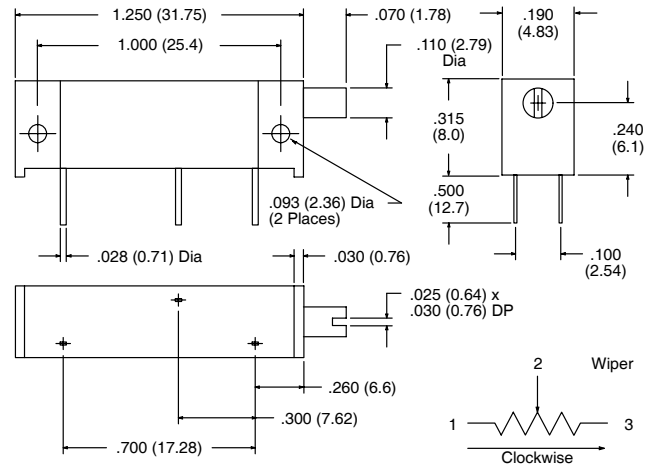


Spectrol No.	NTE Part No.	Value (Ohms)	Diag No.
70Y-100	500-0390	10	T9
70Y-200	500-0391	20	T9
70Y-500	500-0392	50	T9
70Y-101	500-0393	100	T9
70Y-201	500-0394	200	T9
70Y-501	500-0395	500	T9
70Y-102	500-0396	1K	T9
70Y-202	500-0397	2K	T9
70Y-502	500-0398	5K	T9
70Y-103	500-0399	10K	T9
70Y-203	500-0400	20K	T9
70Y-503	500-0401	50K	T9
70Y-104	500-0402	100K	T9
70Y-204	500-0403	200K	T9
70Y-504	500-0404	500K	T9
70Y-105	500-0405	1M	T9

Spectrol 70Y Series

Trimmer – 1 1/4" rectangular, multiturn cermet

T9



Specifications

Electrical

Effective Travel: 20 turns nom

Resistance Range: 10Ω to 2 Meg Ω

Resistance Tolerance: ±10%

End Resistance: 2Ω max

Temperature Coefficient of Resistance:

±100 ppm/°C. 100Ω to 2 Meg Ω

-100 to +200 ppm/°C. 10Ω to 100Ω

Power Rating: 1 Watt @ 85°C derated to 0 Watts @ 150°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: 3% or 3Ω, whichever is greater

Mechanical

Stop: Wiper idles against stops

Operating Torque: 22.5nMn max

Rotation Life: 200 cycles min with max change of ±2% in total resistance

Resistance Element: Cermet

Setability: ±0.05% RT

Environmental

Operating Temperature: -55°C to +150°C

Electrical Endurance: 1000 hour

Mechanical Life: 200 cycles