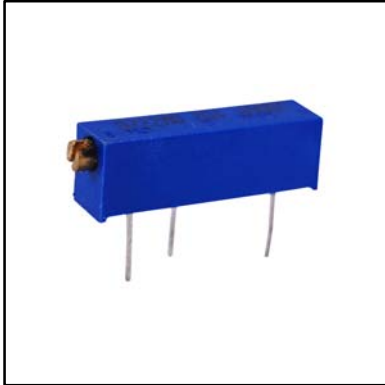


- Economically Priced
- Replaces the Spectrol 43P Series
- RoHS compliant
- Industrial / Sealed
- IC style pins for easier board insertion



NEW	NTE Part No.	Equivalent Spectrol No.	Value (Ohms)	Diag No.
	500E-0002	43P-200	20	T1e
	500E-0003	43P-500	50	T1e
	500E-0004	43P-101	100	T1e
	500E-0006	43P-501	500	T1e
	500E-0007	43P-102	1K	T1e
	500E-0008	43P-202	2K	T1e
	500E-0009	43P-502	5K	T1e
	500E-0010	43P-103	10K	T1e
	500E-0011	43P-203	20K	T1e
	500E-0013	43P-503	50K	T1e
	500E-0014	43P-104	100K	T1e
	500E-0017	43P-504	500K	T1e
	500E-0018	43P-105	1M	T1e

Trimmer – Multiturn Cermet

Technical drawing of a mechanical assembly showing a cross-section of a housing and a shaft with a wiper. The drawing includes dimensions in inches and millimeters.

Dimensions:

- Housing width: .750 (19.05)
- Shaft diameter: .060 (1.52)
- Wiper width: .190 (4.83)
- Wiper height: .130 (3.3)
- Wiper assembly width: .100 (2.54)
- Wiper assembly height: .177 (4.5)
- Wiper assembly width (bottom): .200 (5.08)
- Wiper assembly width (bottom): .500 (12.7)
- Wiper assembly width (bottom): .030 (0.76)
- Wiper assembly width (bottom): .025 (0.64) x .031 (0.79) DP
- Wiper assembly width (bottom): .020 (0.51)
- Wiper assembly width (bottom): .185 (4.7)
- Wiper assembly width (bottom): .250 (6.35)
- Wiper assembly width (bottom): .093 (2.36) Dia

Wiper Symbol:

1 2 3

Wiper

Clockwise

Effective Travel: 22 turns nom
Resistance Range: 50Ω to 1 Meg Ω
Resistance Tolerance: ±10%
Absolute Minimum Resistance: ≤ 1% or 2Ω
Temperature Coefficient: ±100 ppm/°C.
Power Rating: 3/4 Watt @ 70°C derated to 0 Watts @ 125°C
Withstanding Voltage: 640V_{AC}
Insulation Resistance: ≥ 1G Ω @ 100V_{AC}
Contact Resistance Variation: ≤ 1% or 1Ω

Starting Torque: $\leq 35 \text{ mN} \cdot \text{m}$
Rotation Life: 200 cycles min with max change of $\leq 3\%$ in total resistance
Resistance Element: Cermet

Operating Temperature: -55°C to +125°C
Electrical Endurance: 1000 hours