



800-227-0075

<http://www.vimex.com>

Product Specification

Electrical

Standard Resistance Range	:	100 ohms to 2 megohms
Resistance Tolerance	:	±10 standard (<i>tighter tolerance available</i>)
Absolute Minimum Resistance	:	1% or 2 ohms max. (<i>whichever is greater</i>)
Contact Resistance Variation	:	3% or 3 ohms maximum (<i>whichever is greater</i>)
Adjustability	:	Voltage ±0.05% Resistance ±0.15%
Resolution	:	Infinite
Insulation Resistance	:	500VDC 1,000 megohms minimum
Dielectric Strength	:	101.3 kPa 500VAC or 8.5kPa 315VAC
Effective Travel	:	210° nominal

Environmental

Power Rating (<i>250 volts max</i>)	:	0.5 watts (70°C), 0 watts (125°C)
Temperature Range	:	-55°C ~ +125°C
Temperature Coefficient	:	±100ppm/°C
Vibration	:	98m/s ² (1%ΔTR; 2%ΔVR)
Shock	:	390m/s ² (1%ΔTR; 2%ΔVR)
Load Life	:	1,000 hours 0.5 watt @ 70°C 3%ΔTR; 4% or 4 ohms (<i>whichever is greater, CRV</i>)
Rotational Life	:	200 cycles 3%ΔTR; 4% or 4 ohms (<i>whichever is greater, CRV</i>)

Physical

Mechanical Angle	:	250° nominal
Torque	:	20mN•m maximum
Mechanical Stop Strength	:	50mN•m minimum
Terminals	:	Solderable pins
Standard Package	:	50 pieces per tube

				Description:	General specifications for Sealed Cermet Single-turn trimmer.
Page:	1	Date:	2004-11-17	P/N	CE7ST
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