

Product Specification

Electrical

Standard Resistance Range	:	10 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>)
Resolution	:	Essentially Infinite
Insulation Resistance	:	500VDC 1,000 meg ohms minimum
Dielectric Strength	:	101.3 kPa 600VAC or 8.5kPa 250VAC
Effective Travel	:	210° nominal

Environmental

Power Rating (<i>200 volts max</i>)	:	0.25 watts (70°C), 0 watts (125°C)
Temperature Range	:	-55°C ~ +125°C
Temperature Coefficient	:	±100 ppm/°C
Vibration	:	98m/s ² (1%ΔTR; 1%ΔVR)
Shock	:	490m/s ² (1%ΔTR; 1%ΔVR)
Load Life	:	1,000 hours 0.25 watt @ 70°C 3%ΔTR; 3% or 3 ohms (<i>whichever is greater, CRV</i>)
Rotational Life	:	100 cycles 3%ΔTR; 3% or 3 ohms (<i>whichever is greater, CRV</i>)

Physical

Resistive Element	:	Cermet
Torque	:	18mN•m maximum
Mechanical Stops	:	Wiper idles
Standard Package	:	250 pieces per Reel

				Description:	General specifications for Sealed Cermet Single-turn trimmer.
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800-227-0075

<http://www.vimex.com>

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Standard Resistance & Temperature Coefficient	
Resistance (Ohms)	Resistance Code
10	100
20	200
50	500
100	101
200	201
250	251
500	501
1,000	102
2,000	202
2,500	252
5,000	502
10,000	103
20,000	203
25,000	253
50,000	503
100,000	104
200,000	204
250,000	254
500,000	504
1,000,000	105

* Special resistance available

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CE4ST-SMD SERIES REFLOW SOLDERING PROFILE

