



800-227-0075

http://www.vimex.com

# Product Specification

## Electrical

Standard Resistance Range	:	100 ohms to 2 megohms
Resistance Tolerance	:	±5 standard ( <i>tighter tolerance available</i> )
Absolute Minimum Resistance	:	1% or 2 ohms max. ( <i>whichever is greater</i> )
Contact Resistance Variation	:	2% or 10 ohms maximum ( <i>whichever is greater</i> )
Adjustability	:	Voltage ±0.05%      Resistance ±0.15%
Resolution	:	Infinite
Insulation Resistance	:	600VDC 1,000 megohms minimum
Dielectric Strength	:	101.3 kPa 600VAC or 8.5kPa 350VAC
Effective Travel	:	12 turns nominal

## Environmental

Power Rating ( <i>315 volts max</i> )	:	0.5 watts (70°C), 0 watts (125°C)
Temperature Range	:	-55°C ~ +125°C
Temperature Coefficient	:	±100ppm/°C or ±250ppm/°C ( <i>see following table</i> )
Shock	:	GJB360A-96, method 213, condition I (2%ΔTR; 2%ΔVR)
Random Vibration	:	GJB360A-96, method 214, condition I(D) (2%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 2%ΔTR

## Physical

Torque	:	20mN•m maximum
Mechanical Stop Strength	:	Wiper idles
Terminals	:	Solderable pins
Standard Package	:	25 pieces per tube

				<b>Description:</b>	General specifications for Sealed Cermet Multi-turn trimmer.
Page:	1	Date:	2005-01-20	P/N	CE12MT
of:	2	Revision:	1.0		



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Resistance (Ohms)	Resistance Code
100	101
200	201
500	501
1,000	102
2,000	202
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
2,000,000	205

Special resistance available

Temperature coefficient of shaded areas  $\pm 250\text{ppm}/^\circ\text{C}$

				Description:	General specifications for Sealed Cermet Multi-turn trimmer.
Page:	2	Date:	2005-01-20	P/N	CE12MT
of:	2	Revision:	1.0		