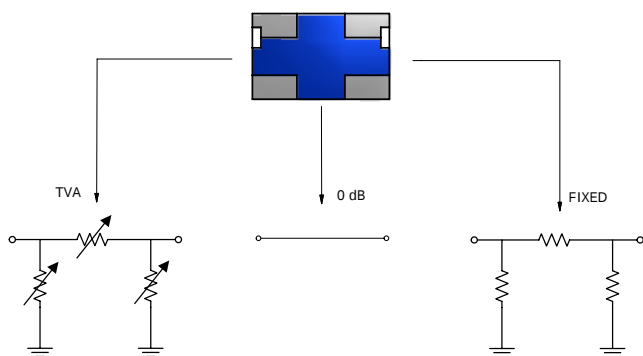




TEMPERATURE VARIABLE ATTENUATORS FOR COMMERCIAL APPLICATIONS

Ultimate design flexibility in the same footprint



- Inventors of the temperature variable attenuators
- Over 40 years of attenuator experience
- For Telecom and WiMax applications
- Performance and price leaders
- RoHS compliant design
- Totally passive – no signal distortion
- Designed for high volume, pick & place
- Delivered on tape and reel
- Design kits available

AN7 Series – Smallest Footprint – Value Leader

0805 SMT footprint.

Excellent frequency response from DC to 6 GHz

Available in designs of 1 through 6dB

TCA - .003 thru -.011, dB/dB/deg C

100mW of input power



AN5 Series – Small Footprint – Higher Power

0807 SMT footprint.

Excellent frequency response from DC to 6 GHz

Available in designs of 1 through 10dB

TCA - .003 thru -.009, dB/dB/deg C

200mW of input power



AN3 Series – Higher Power

1512 SMT footprint.

Excellent frequency response from DC to 4 GHz

Available in designs of 1 through 10dB

TCA - .003 thru -.009, dB/dB/deg C

2W of input power



TEMPERATURE VARIABLE ATTENUATORS TEMPERATURE SHIFT

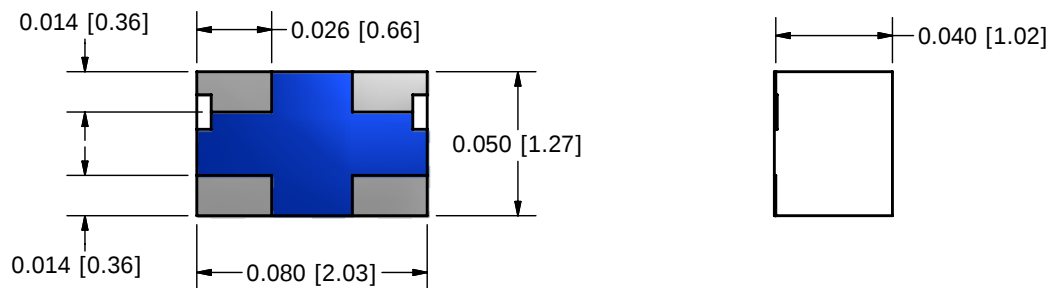
CROSS REFERENCE CHART

(Attenuation Shift in dB per 10°C)

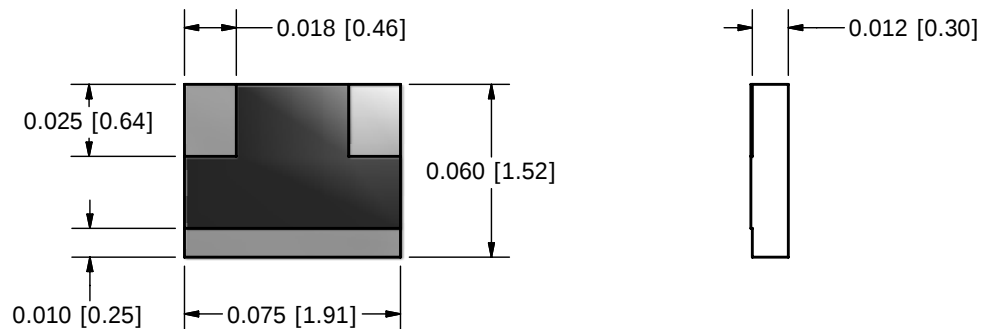


TCA*	Attenuation at 25°C									
dB/dB/°C	1 dB	2 dB	3 dB	4 dB	5 dB	6 dB	7 dB	8 dB	9 dB	10 dB
-0.003	-0.03	-0.06	-0.09	-0.12	-0.15	-0.18	-0.21	-0.24	-0.27	-0.30
-0.004	-0.04	-0.08	-0.12	-0.16	-0.20	-0.24	-0.28	-0.33	-0.36	-0.40
-0.005	-0.05	-0.10	-0.15	-0.20	-0.25	-0.30	-0.35	-0.40	-0.45	-0.50
-0.006	-0.06	-0.12	-0.18	-0.24	-0.30	-0.36	-0.42	-0.48	-0.54	-0.60
-0.007	-0.07	-0.14	-0.21	-0.28	-0.35	-0.42	-0.49	-0.56	-0.63	-0.70
-0.009	-0.09	-0.16	-0.27	-0.36	-0.45	-0.54	-0.63	-0.72	-0.81	-0.90

AN7 Series – Smallest Footprint [mm]



AN5 Series – Small Footprint [mm]



AN3 Series – Higher Power [mm]

