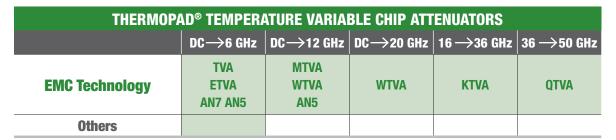


THE ATTENUATOR AUTHORITY

Superior Broadband Performance Through Q Band Broadest Offering of Temperature Variable Attenuators in the World 40 Years of Space Heritage Reducing Manufacturing Costs in Telecom for 15 years

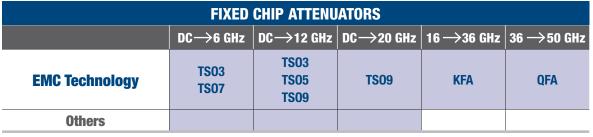






- The inventors of temperature variable attenuators
- · Quality leaders, robust processes produce high degree of repeatability and reliability
- Performance leaders with cutting edge solutions and broad range coverage
- High volume price leaders for the commercial marketplace
- SMT, wire bondable and RoHS versions available
- Totally passive and contributes no signal distortion







- Broadest frequency range in the market DC through Q Band
- 40 years of S-level experience
- · Commercial and high reliability standard products
- Thin- and thick-film technologies
- Extensive in-house test capabilities
- Standard and custom engineering design kits available



FOOT PRINT	1512 3.81 X 3.05mm	1615 4.06 X 3.81mm	0706 1.78 X 1.52mm	0805 2.03 X 1.27mm	0807 2.03 X 1.78 mm	1206 3.05 X 1.52mm
THERMOPAD®	TVA	ETVA	WTVA	AN7	MTVA/AN5	KTVA/QTVA
FIXED	TS03	TS03	TS09	TS07	TS05	KFA/QFA





HIGH-RELIABLILITY EXPERTS

- Global Leaders in fixed frequency and temperature compensated attenuation
- Standard high-reliability products available
- 4 decades of space and flight experience
- · Extensive in-house testing capabilities
- Build and test to print
- Program management available
- Certified to the following standards: AS9100 and ISO9001



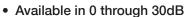


HIGH POWER ATTENUATORS SUPERIOR QUALITY WIDE VARIETY OF OPTIONS















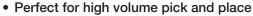


High Power Attenuators in a Variety of Configurations









Cost effective solution for high volume manufacturing

Tab and Cover



- Excellent heat transfer by attaching directly to heat sink
- Optional lead forming available

Flange Mount

- Convenient bolt on installation
- Many configurations available

Coaxial

- Fixed and temperature compensated versions DC to 18GHz
- Rugged construction ensures reliability and performance
- Suitable for Commercial, Military, and Space applications.









