

Specialty Thermopads

Coaxial Thermopad®



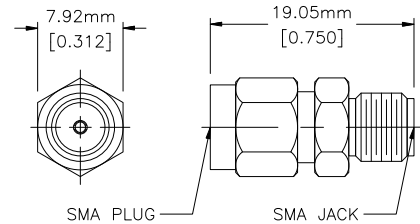
Combining EMC Technology components with Florida RF Labs connector expertise to offer the popular temperature variable attenuator in a coaxial package. The coaxial Thermopad® offers the same benefits as the standard temperature variable attenuator with the added benefit of an SMA plug to SMA jack interface.

Specifications

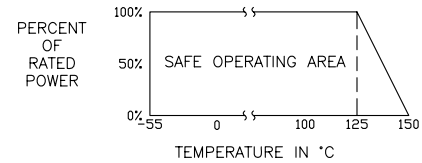
42TVA

Size	19.05 mm x 7.92 mm [0.750 in x 0.312 in]
Impedance	50 Ohms
Frequency Range	DC to 6 GHz
TCA Tolerance	±0.001 dB/dB/°C
VSWR (Typical)	1.35 @ 1 GHz
Power Rating	2.0 Watts
Operating Temperature	-55°C to 150°C
Substrate	Alumina
Resistive Material	Thick Film
Terminal Material	Plated Thick Film
Body and Nut	Stainless Steel
Contact	Beryllium Copper
Dielectric	Tetrafluoroethylene
Interface	SMA Male/ SMA Female
Body	Passivated

42TVA Series



Power Rating and Derating



Part Numbering Code

4	2	T	V	A	0	3	0	0	N	0	5	F
<u>SERIES</u>				<u>NOMINAL ATTENUATION</u>		<u>EMC CODE</u>		<u>TCA SLOPE</u>		<u>ENVIRONMENTAL COMPLIANCE</u>		
42TVA				01 = 1 dB through 10 = 10 dB				N = Negative P = Positive		(blank) = Standard F = RoHS		
<u>TCA (dB/dB/°C)</u>												
03 = .003 through 09 = .009												