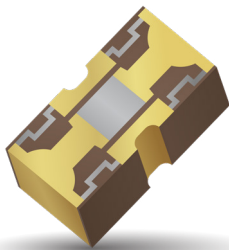


# Thin Film RF Solutions - Attenuator

## AT0603C09ECATD - 9dB



### QUALIFICATION TEST SUMMARY

|                        |                  |                     |                                     |
|------------------------|------------------|---------------------|-------------------------------------|
| Input Power CW:        | 3/4W             | Tolerance (dB):     | D.C. to 10 GHz:±0.50 dB >10GHz: ±dB |
| Frequency Range:       | DC to 20 GHz     | Resistors:          | Tantalum Nitride                    |
| VSMR:                  | 1.25:1 Typical   | Terminal:           | Thin Film Metalstack, Au            |
| Nominal Impedance:     | 50 Ohms          | Substrate Material: | AlN                                 |
| Operating Temperature: | -55°C to + 150°C | Inspection:         | 100% Per MIL-STD-883                |

[Click here to go back to main table](#)

### HOW TO ORDER

**Product Designation**

**Case Size**  
See mechanical dimensions below

**Power Rating**  
C = 3/4W

**Attenuation**

**Configuration**  
E = All Terminations wrapped and patterned ground planned

**AT**

**0603**

**C**

**09**

**E**

**CA**

**T**

**D**

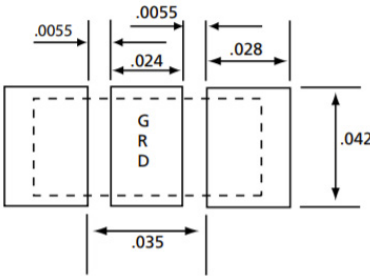
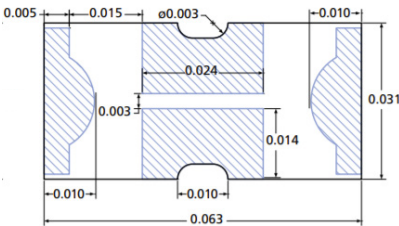
**Quantity**  
D = 1000  
B = 500  
7 = 100

**Packaging**  
T = Tape & Reel: 7" Reel, 1000 pcs  
C = Cap Pack, 100 pcs

**Termination**  
CA – Non-Mag Gold

### MECHAIICAL DIMENSIONS

Dimensions are in inches, Bottom View



LEAD-FREE  
LEAD-FREE COMPATIBLE  
COMPONENT



RoHS  
COMPLIANT

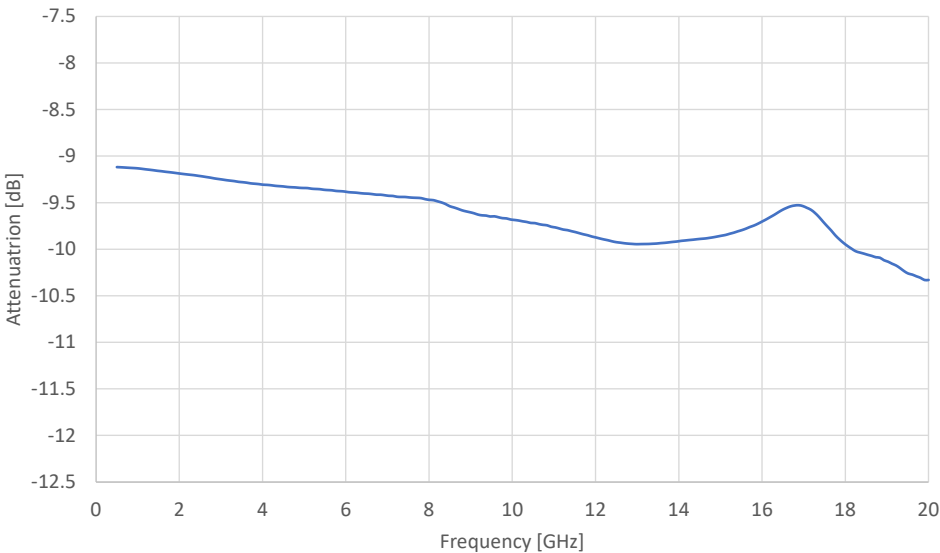
For RoHS compliant products, please  
select correct termination style



**CLICK HERE TO  
DOWNLOAD DATA FILES**

\*Data files contain DXF, S2P, and HFSS files

### Measured 9dB Attenuator on Microstrip Board



The Important Information/Disclaimer is incorporated in the catalog where these specifications came from or available online at [www.avx.com/disclaimer/](http://www.avx.com/disclaimer/) by reference and should be reviewed in full before placing any order.