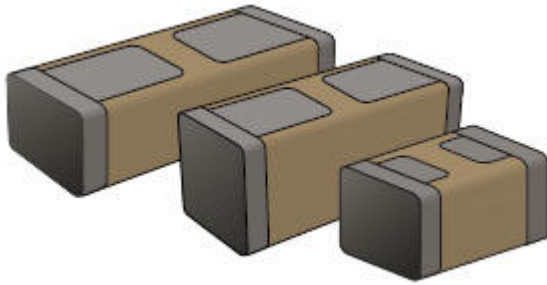


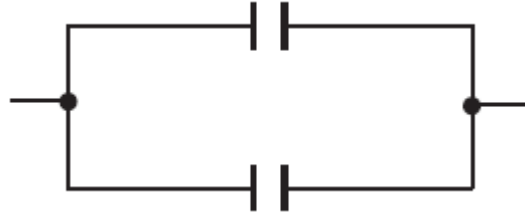
# Buried Broadband™ Capacitors

## Features and Applications

### For DC Blocking up to 100 GHz



Single Layer Capacitor: GHz Range



Multilayer Capacitor: kHz - MHz Range

#### Key Features

- -0.2 dB insertion loss at 10 GHz (OC192)
- Resonant free at critical 1.6 to 1.8 GHz
- $\pm 15\%$  capacitance change over temperature
- Patented integration of high and low frequency capacitors
- Free equivalent circuit capacitor model for easy design
- Sizes 0805, 0603, 0502 and 0302
- Rugged monolithic body for easy pick and place

#### Key Applications

- Broadband DC Blocking up to 100 GHz
- Transponders and Transceivers for OC192, OC768
- Broadband Microwave
- Broadband Test Equipment

#### Environmental Parameters

Per Mil-PRF-49464/55681 (when specified)

Thermal Shock and Immersion:

Resistance to Soldering Heat:

Low Voltage Humidity:

#### Mil-Std-202

Method	Condition
107	A
210	C
103	A

#### Mechanical Parameters

Terminal Strength: 2 lbs. typical

