



Common Mode Filter for use with Switching Power Supplies

FEATURES

- High Transient noise attenuation
- May be used with any switching supply
- High current capability - > 5 amps
- Low DC resistance in each leg - < 0.05 ohms
- Attenuation > 40 db above 100 KHz
- Hermetic Package

DESCRIPTION

The TX5410 is designed to be used in conjunction with a switching power supply to isolate the input current transients from the primary supply source.

The TX5410 provides high transient isolation along with low DC insertion loss.

The TX5410 is rated at 5 amps continuous each leg and operates to 200C°.

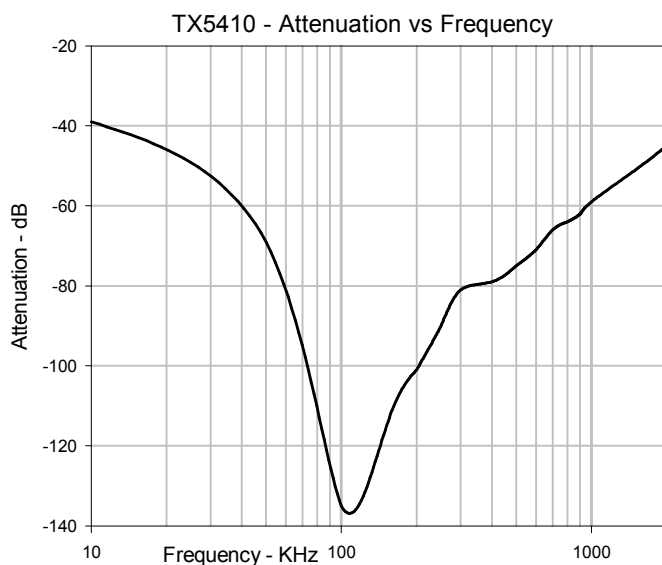
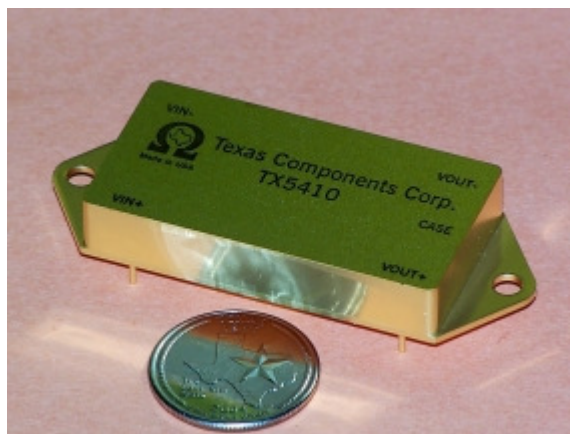
This device is rugged, trouble free and packaged in a shielded, hermetic, metal power package.

The graph below illustrates typical performance.

APPLICATIONS

- High temperature electronics
- Petroleum reservoir monitoring
- Petroleum logging tools
- Petroleum LWD and MWD tools
- Avionics

The TX5410 is housed in a 5 pin hermetic power package with pin spacing of 0.4" and row spacing of 0.8". Dimensions are 2.874" flange to flange with a width of 1.11". Body length is 2.106" and height is 0.4" max. Free air thermal resistance is approximately 35 C° per watt



Package
(Bottom View)

