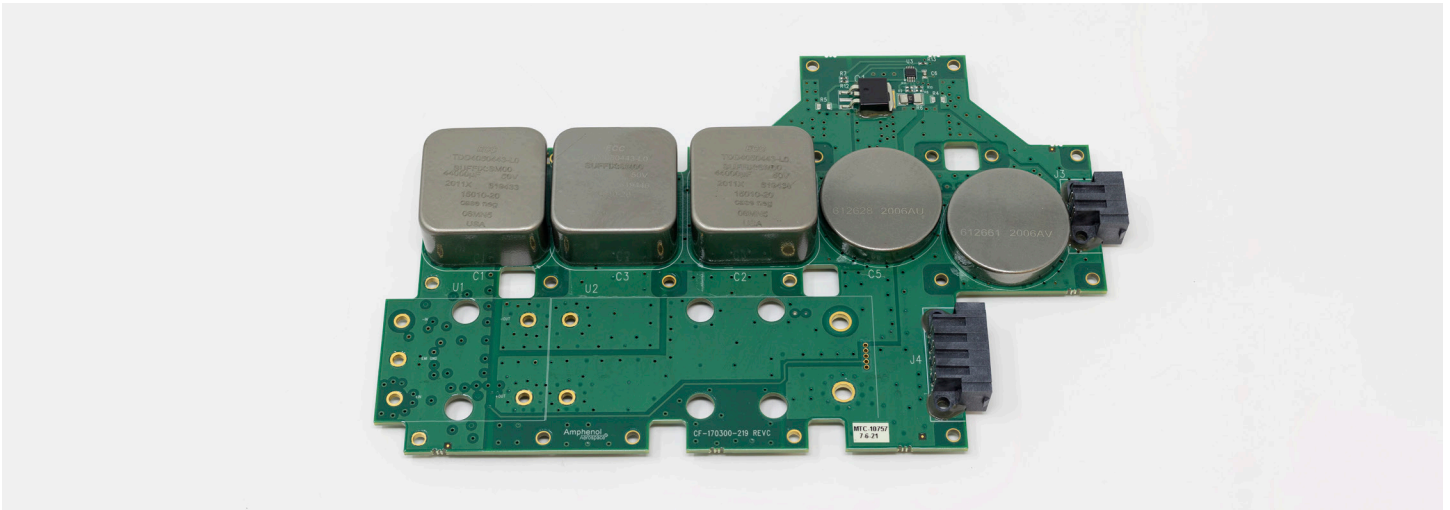


POWER MODULE



DESCRIPTION

Amphenol's Integrated Solutions team can design and manufacture rugged DC/DC power supplies for all types of embedded systems applications. This specific power module takes 28VDC (nominal) input and outputs 12VDC at up to 300 Watts. Capable of extended temperature operation, EMI, and high shock/vibration environments. The unit meets MIL-STD-704F and provides a 50 millisecond hold up time. Amphenol is able to customize power modules for any embedded systems application such as vehicles, aircraft systems, and more.

FEATURES & BENEFITS

- 28VDC (nominal) input and outputs 12VDC at up to 300 Watts
- The unit meets MIL-STD-704F
- 50 millisecond hold up time
- MIL-STD-810G
 - Method 514.6, Vibration (Contact AAO for test data)
 - Method 513.6, Acceleration: Procedure II, Operational Test
 - Load factor 6.0g in all axis
 - Method 516.6, Shock: Procedure I, Functional Shock
 - Half Sine Wave 15g / 11ms / 3 shocks in all axis
- MIL-STD-461G
 - EMI requirements
 - CE102 (upper frequency extended to 30 MHz)
 - CS101
 - CS114 (upper frequency limited to 30 MHz)
 - CS115
 - CS116
 - CS118
 - RE102 (Air Force Fixed Wing External Installation Limit. RE 102-3)
 - RE103 (upper frequency limited to 18 GHz)
 - RS103 (upper frequency limited to 18 GHz)

ENVIRONMENTAL

- Temp rating: -54°C to 85°C
- Altitude rating: 70,000 ft.



POWER MODULE

DIMENSIONAL INFORMATION

