

Spec Spin Filters

Spectrum Control Inc. introduces the new space saving #2-56 threaded miniature EMI spanner filter. This new threaded filter is designed without a hex and does not require soldering for installation. These features make it an excellent selection for applications that require many lines to be filtered in close proximity. The easy swap out also allows for flexibility in filter replacement and capacitance substitution. Easy filter substitution also allows for flexibility in filter placement. Custom design queries are always welcome.

Applications

Spectrum Control's spanner filter offers superior insertion loss over a broad frequency range when compared to surface mount components. The filter is available in capacitance values up to 10,000 pF, and is featured in a microcircuit package used in microwave applications such as frequency synthesizers, power amplifiers, MMW radio, and is ideal for commercial and hi-reliability applications.

Electrical Specifications

Operating Temperature -55°C to +125°C

Voltage Rating50 VDC

Current Rating 5 A

Effective Filtering From 1 MHz to 10 GHz

4,700

10,000

+80%/-20%

Capacitance to 10,000 pF

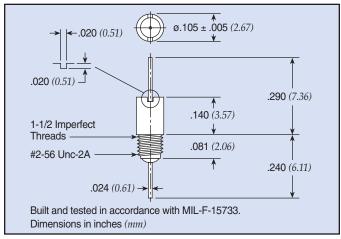
Dielectric Withstanding

54-874-017

54-874-018

Voltage 125 VDC





Mechanical Specifications

Center Spacing 0.110"

Bushing Finish Gold

Insertion Tool

Part Number: 54-874-020

