

Threaded Miniature Spanner Filters

Excellent for applications that require many lines to be filtered in close proximity



Features

- Space saving #2-56 designed without a hex and does not require soldering for installation
- Easy swap that allows for flexibility in filter replacement and capacitance substitution
- Flexibility in filter placement
- Custom designs available

Applications

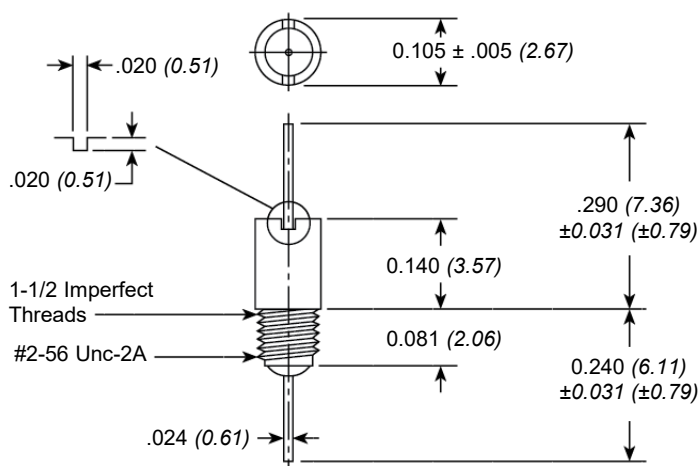
- Microwave applications
- Frequency synthesizers
- Power amplifiers
- Millimeter wave radios
- Commercial and high-reliability applications

Electrical Specifications

Operating Temperature:	-55°C to +125°C
Voltage Rating:	50 VDC
Current Rating :	5 A
Effective Filtering:	1 MHz to 10 GHz
Capacitance:	to 10,000 pF
Dielectric Withstanding Voltage:	125 VDC

Mechanical Specifications

Center Spacing:	0.110"
Lead Finish:	Gold
Bushing Finish:	Gold
Tightening Torque:	14 oz-in (± 2) (0.11Nm)



Built and tested in accordance with MIL-PRF-15733.
Dimensions in inches (mm)

Insertion Tool

Part Number: 54-874-020



Part Number	Cap (pF)	Max. Tolerance	Circuit	Current	Voltage	DWV	I.R.	Temperature Range
54-874-010	10	+0%/-20%	C	5 A	50 VDC	125 VDC	1000 MΩ	-55°C to +125°C
54-874-011	39	+50%/-20%	C	5 A	50 VDC	125 VDC	1000 MΩ	-55°C to +125°C
54-874-012	100	+50%/-20%	C	5 A	50 VDC	125 VDC	1000 MΩ	-55°C to +125°C
54-874-013	390	+50%/-20%	C	5 A	50 VDC	125 VDC	1000 MΩ	-55°C to +125°C
54-874-014	1000	+50%/-20%	C	5 A	50 VDC	125 VDC	1000 MΩ	-55°C to +125°C
54-874-015	2000	+50%/-20%	C	5 A	50 VDC	125 VDC	1000 MΩ	-55°C to +125°C
54-874-016	3300	+100%/-0%	C	5 A	50 VDC	125 VDC	1000 MΩ	-55°C to +125°C
54-874-017	4700	+100%/-0%	C	5 A	50 VDC	125 VDC	1000 MΩ	-55°C to +125°C
54-874-018	10000	+80%/-20%	C	5 A	50 VDC	125 VDC	1000 MΩ	-55°C to +125°C

*Add an "F" after the 54 to designate RoHS, as the part numbers as shown are not RoHS. Example 54F-874-010

Mouser Electronics

Authorized Distributor

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