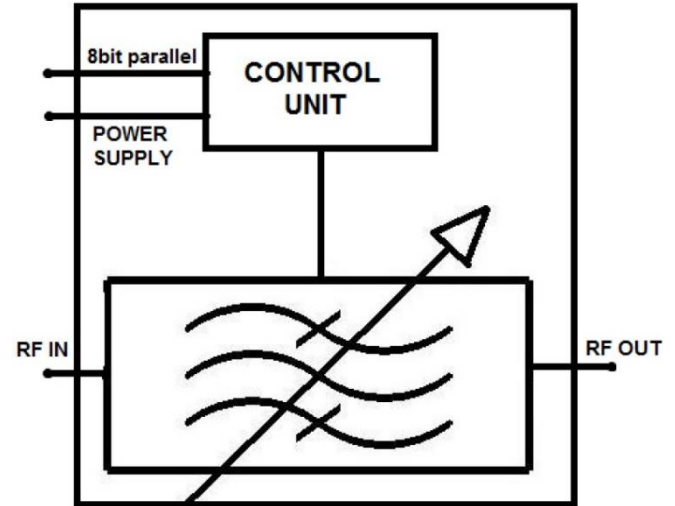


**SMALL FAST TUNING FILTER
1.5÷4 MHz**

P/N: 550-00042-000



ELECTRICAL SPECIFICATIONS

Frequency coverage	: 1.5 – 4 MHz
Impedance	: 50 Ω
Power Handling	: Up to 1 W continuous*
Center Frequency Drift	: 80 ppm/°C
Tuning Control	: 8 bit parallel
Tuning Speed	: 15 μs typ.
Tuning Positions	: 250
DC Power	: +5 VDC @ 350 mA +100 VDC @ 1 mA
**Insertion Loss	: 3.5 dB typ 4.8 dB max
**3dB % BW	: 4.5 typ 4.8 max
**Shape Factor	: 7typ -7.8 max
**Ultimate	: 60 dB typ.

MECHANICAL SPECIFICATIONS

Size (excluding connectors)	: 15.2 (0.6) x 35.6 (1.4) x 58.4 (2.3) mm (inch)
Connectors RF	: Pin (Thru Hole Mounting)
Connector Control	: Pin (Thru Hole Mounting)
Weight	: 3.2 oz / 90 g

ENVIRONMENTAL

Operating Temperature Range	: -40 ÷ +85 °C
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*Source/Load VSWR has effect on power handling

**Other tuning options available on Request

All data may change without notice. Measurement tolerances to be added.

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