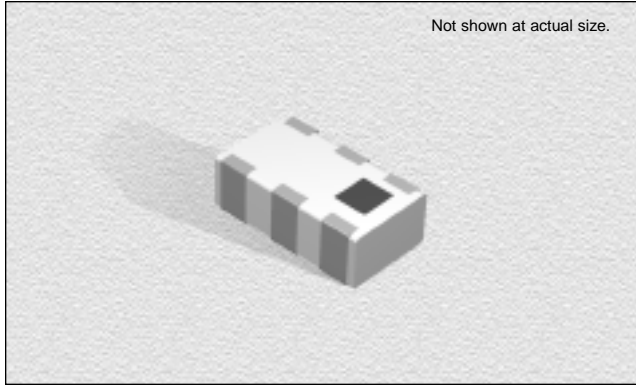


CTLPF1608

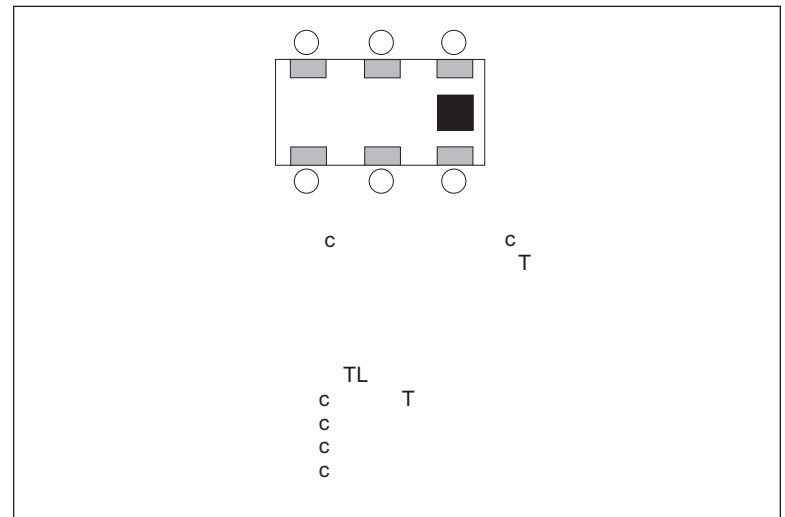
0.824 GHz to 2.5 GHz



SPECIFICATIONS

| Part Number | Frequency (MHz) | Insertion Loss (dB) (Max.) | Attenuation (Min.) | Return Loss (dB) (Min.) | Input Power Watts (Max.) | Impedance (Ω) |
|-----------------|-----------------|----------------------------|--|-------------------------|--------------------------|------------------------|
| CTLPF1608-0869 | 824 - 915 | 0.6 | 20 dB @ $2 \times f_0$ 15 dB @ $3 \times f_0$ | 10.9 | 3 | 50 |
| CTLPF1608-1810 | 1710 - 1910 | 0.6 | 30 dB @ 3420 - 3570MHz 25 dB @ 3700 - 3820MHz 20 dB @ 5130 - 5730MHz | 11.7 | 3 | 50 |
| CTLPF1608-1880 | 1850 - 1910 | 0.6 | 27 dB @ $2 \times f_0$ 19 dB @ $3 \times f_0$ | 11.7 | 3 | 50 |
| CTLPF1608-2450A | 2400 - 2500 | 0.5 | 25 dB @ $2 \times f_0$ 18 dB @ $3 \times f_0$ | 14 | 3 | 50 |
| CTLPF1608-2450B | 2400 - 2500 | 0.5 | 35 dB @ $2 \times f_0$ 25 dB @ $3 \times f_0$ | 14 | 3 | 50 |

TERMINAL CONFIGURATION

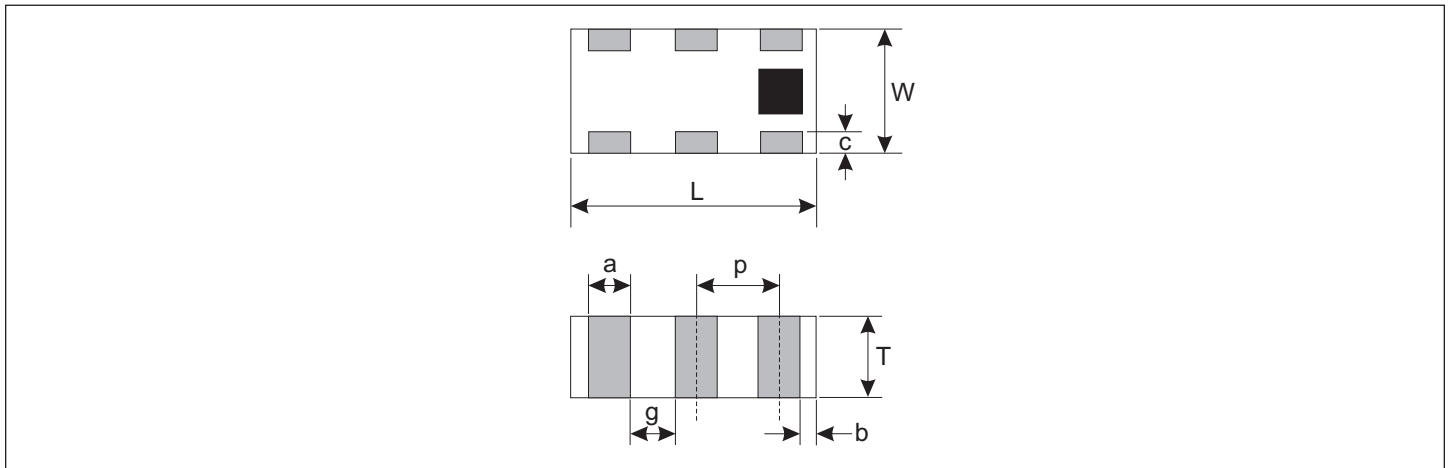


CHARACTERISTICS

- Description:** Multi-layer Chip Low Pass Filters
- Applications:** WLAN, Bluetooth, HomeRF, 2.4 GHz ISM, PCS/DCS/GSM/DECT/PHS
- Operating Temperature:** -40°C to +85°C
- Packaging:** Tape & Reel
- Polarity Marking:** Marking is on the upper surface of the unit
- Additional Information:** Additional electrical & physical information available upon request
- Samples available. See website for ordering information.**

PHYSICAL DIMENSIONS

| Size | L | W | T | a | b | c | g | p |
|--------|-------------|-------------|-------------|------------|--------------------|-------------|-------------|-------------|
| mm | 1.6±0.1 | 0.80±0.1 | 0.60±0.1 | 0.20±0.1 | 0.20+0.1/0.15 | 0.15±0.1 | 0.30±0.1 | 0.50±0.05 |
| inches | 0.063±0.004 | 0.032±0.004 | 0.024±0.004 | 0.008±.004 | 0.008+0.004/-0.006 | 0.006±0.004 | 0.012±0.004 | 0.020±0.002 |



09.24.03



Manufacturer of Inductors, Chokes, Coils, Beads, Transformers & Toroids

800-684-5322 Inside US 949-453-1811 Outside US

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