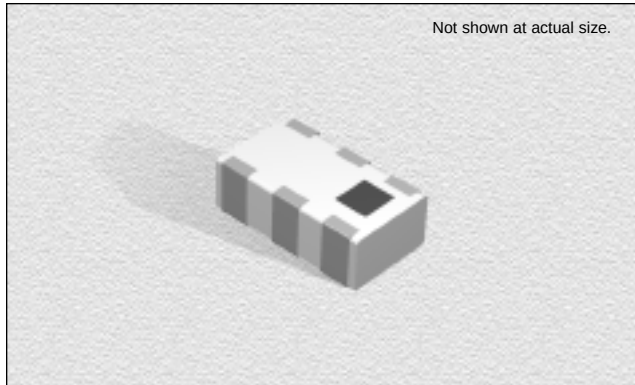


CTLPF1608

0.824 GHz to 2.5 GHz



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

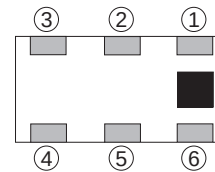
Additional Information: Additional electrical & physical information available upon request

Samples available. See website for ordering information.

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



No.	Function	No.	Function
1	GND	4	OUT
2	NC	5	GND
3	GND	6	IN

*For P/N's CTLPF1608-2450A & -2450B

No. 2 Function OUT

No. 4 Function GND

No. 5 Function IN

No. 6 Function GND

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±0.004	0.008+0.004/-0.006	0.006±0.004	0.012±0.004	0.020±0.002

