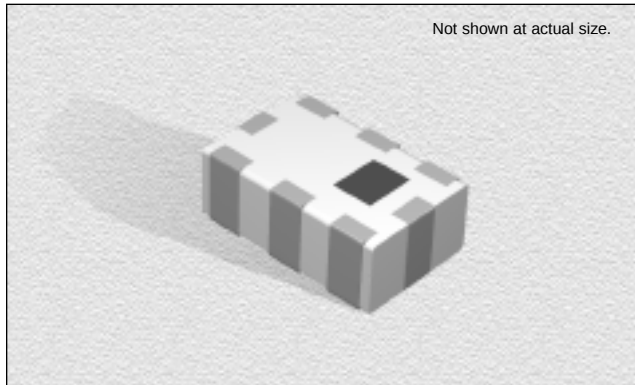


CTLPF2012

0.902 GHz to 5.875 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

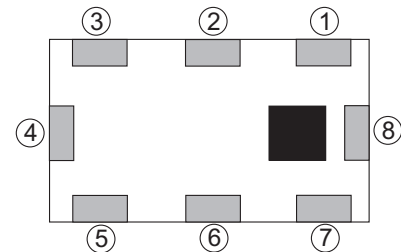
Additional Information: Additional electrical & physical information available upon request

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)
CTLPF2012-0915	902 - 928	0.65	25 dB @ $2 \times f_0$ 25 dB @ $3 \times f_0$	9.5	3	50
CTLPF2012-2450	2400 - 2500	0.5	27 dB @ $2 \times f_0$ 25 dB @ $3 \times f_0$ 25 dB @ $4 \times f_0$	10.0	1	50
CTLPF2012-5515	5150 - 5875	0.6	25 dB @ $2 \times f_0$ 20 dB @ $3 \times f_0$ Ref.	10.9	1	50

TERMINAL CONFIGURATION



No.	Function	No.	Function
1	GND	5	GND
2	NC	6	NC
3	GND	7	GND
4	OUT	8	IN

PHYSICAL DIMENSIONS

Size	L	W	T	a	b	c	g	p
mm	2.0±0.1	1.25±0.1	0.85±0.1	0.30±0.1	0.20±0.1	0.30+0.1/-0.2	0.35±0.1	0.65±0.05
inches	0.079±0.004	0.049±0.004	0.032±0.004	0.012±0.004	0.008±0.004	0.012+0.004/-0.008	0.014±0.004	0.026±0.002

