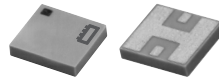


CERAMIC LOW PASS DC to 5400 MHz

BLUE CELL™



LFTC

NEW!

all specifications at 25°C

MODEL NO.	PASSBAND (MHz)	fco (MHz) Nom.	STOPBAND (MHz)			VSWR (:1) Passband	POWER INPUT (W)	CASE STYLE	CONNECTION	PRICE \$
	(loss < 1 dB) Typ.	(loss 3 dB) Typ.	(loss > 20dB)	(loss >40 dB)	fr20 dB Typ.	Typ.		Note B		Qty. (10-49)
LFTC-850	DC-850	1078	1500	2000-3500	5500	1.2	16	FR933	nw	3.75
LFTC-1350	DC-1350	1550	2100	2700-4000	7000	1.2	15	FR933	nw	3.75
LFTC-1700	DC-1700	1980	2700	3300-3880	7200	1.2	14	FR933	nw	3.75
LFTC-2000	DC-2000	2430	3450	4500-5400	8000	1.2	10	FR933	nw	3.75
LFTC-3300	DC-3300	4060	5600	—	10000	1.2	10	FR933	nw	3.75
LFTC-4000	DC-4000	5325	7250	—	9500	1.2	10	FR933	nw	3.75
LFTC-5400	(loss < 1.3 dB) DC-5400	6410	9000-11000	—	12000	1.1	19	FR933	nw	3.75

see suggested PCB layout (PL-112) for LFTC models

features

- miniature size, 0.15"x0.15"x.028"
- low profile, .028" height
- high power handling, up to 19W

applications

- harmonic rejection
- internal rejection
- receivers & transmitters

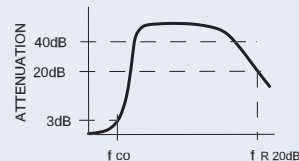
model identification

Model	marking
LFTC-850	LF3
LFTC-1350	LF1
LFTC-1700	LF4
LFTC-2000	LF8
LFTC-3300	LF9
LFTC-4000	LF10
LFTC-5400	LF5

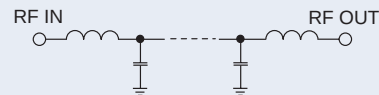
NOTES:

- Aqueous washable.
- Environmental specifications and re-flow soldering information available in General Information Section.
- Units are non-hermetic unless otherwise noted. For details on case dimensions & finishes see "Case Styles & Outline Drawings".
- Prices and Specifications subject to change without notice.
- Absolute maximum power, voltage and current ratings:
 - LFTC models, See spec table above. At 100°C ambient, derate linearly to 7W (LFTC-850,-1350), to 6W (LFTC-1700) to 8W (LFTC-5400), and to 4W (LFTC-2000,-3300,-4000)
 - Operating temperature, -55°C to 100°C
 - Storage temperature, -55°C to 125°C

typical frequency response



schematic



pin connections

see case style outline drawings

PORT	nw
INPUT	2
OUTPUT	5
GND	1,3,4,6
DEMO BOARD	TB-233