

# RF DEVICES & HIGH FREQUENCY INDUCTORS

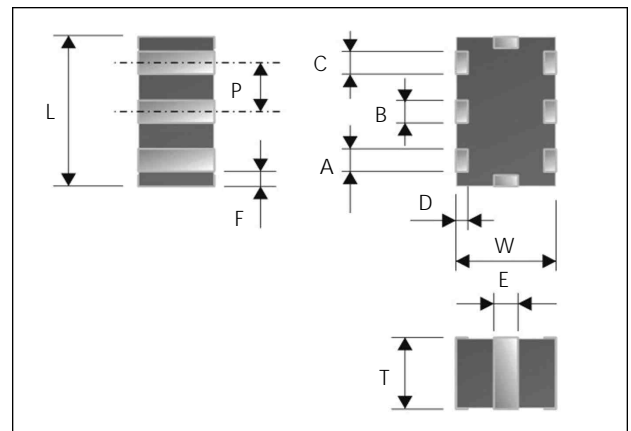
## 2.4GHz High Frequency Devices-Low Pass Filter-RFLPF2012110A0T

### How to Order

RF	LPF	201211	0	A	0	T
<u>Walsin</u>	<u>Product code</u>	<u>Dimension code</u>	<u>Unit of dimension</u>	<u>Application</u>	<u>Specification</u>	<u>Packing</u>
RF Device	LPF : Low Pass Filter	201211 = Length = 20 Width = 12 Thickness = 11	0: 0.1 mm 1 : 1.0 mm	A: 2.4GHZ ISM Band	Code from 0 – 9 dependent on different electrical specification	T: 7" Reeled G: 13" Reeled B: Bulk X: SFC product

### Dimensions

Symbol	Dimension
L	2.00 ± 0.15 mm
W	1.25 ± 0.10 mm
T	1.05 ± 0.10 mm
A	0.30 ± 0.10 mm
B	0.30 ± 0.10 mm
C	0.30 ± 0.10 mm
D	0.40 ± 0.20 mm
E	0.30 ± 0.10 mm
F	0.20 ± 0.10 mm
P	0.65 ± 0.10 mm



### RFLPF2012110A0T Series

Item	Specification
Frequency range (MHz)	2450 ± 50 MHz
Insertion Loss (dB)	0.7 (max)
VSWR	1.5
Attenuation (dB min.)	30 @ 2 x (f <sub>0</sub> ± BW/2) 25 @ 3 x (f <sub>0</sub> ± BW/2)

### Typical Electrical Characteristics:

Frequency characteristics	Construction
<p>CH1 S21 LOG 10 dB/ REF 0 dB CH2 S11 LOG 10 dB/ REF 0 dB</p> <p>29 Aug 2001 21:07:53 11-24500 dB 11-37.639 dB 2.397900000 GHz</p> <p>CH1 Marker 21-141000 : 2.141000 GHz 31-45.339 : 4.80000 GHz 41-41.344 : 5.00000 GHz 51-31.632 : 7.50000 GHz</p> <p>CH2 Marker 21-35.872 : 2.50000 GHz 31-15000 : 4.50000 GHz 41-15500 : 5.00000 GHz 51-66000 : 7.50000 GHz</p> <p>START 1.000 000 000 GHz STOP 5.000 000 000 GHz</p>	<p>I/O Ground I/O Ground I/O</p>