

RF DEVICES & HIGH FREQUENCY INDUCTORS

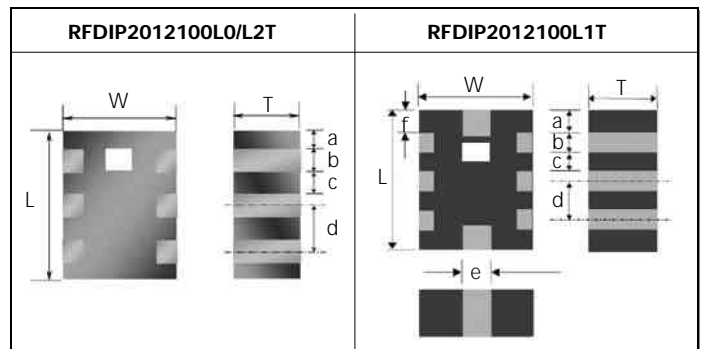
2.4/4.9/5.2/5.8 GHz High Frequency Devices-Diplexer-RFDIP2012100L0/L1/L2T

How to Order

RF	DIP	201210	0	L	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	DIP : Diplexer	201210 = Length = 20 Width = 12 Thickness = 10	0 : 0.1 mm 1 : 1.0 mm	L: 2.4/ 4.9/ 5.2/ 5.8 GHz Multiband Application	Code from 0 ~ 9 dependent on different electrical specification	T: 7" Reeled G: 10" Reeled B: Bulk X: SFC product

Dimensions

Symbol	Dimension
L	2.00 ± 0.15 mm
W	1.25 ± 0.15 mm
T	0.95 ± 0.10 mm
a	0.20 ± 0.20 mm
b	0.30 ± 0.20 mm
c	0.35 ± 0.20 mm
d	0.65 ± 0.20 mm
e	0.30 ± 0.20 mm
f	0.25 ± 0.20 mm



RFDIP2012100L0/L1/L2T Series

Item	RFDIP2012100L0T		RFDIP2012100L1T		RFDIP2012100L2T	
	Band 1	Band 2	Band 1	Band 2	Band 1	Band 2
Central Frequency	2450 ± 50 MHz	5400 ± 500 MHz	2450 ± 50 MHz	5400 ± 500 MHz	2450 ± 50 MHz	5400 ± 500 MHz
Impedance	50	50	50	50	50	50
Insertion Loss	0.7 dB	0.9 dB	0.7 dB	0.9 dB	0.7 dB	0.9 dB
Return Loss	Min. 10 dB		Min. 10 dB		Min. 10 dB	
Attenuation	-20 dB @ 4.9 GHz -25 dB @ 5.2 GHz -25 dB @ 5.8 GHz	-25 dB @ 2.45 GHz	-20 dB @ 4.9 GHz -20 dB @ 5.2 GHz -20 dB @ 5.8 GHz	-20 dB @ 2.45 GHz	-20 dB @ 4.9 GHz -25 dB @ 5.2 GHz -25 dB @ 5.8 GHz	-25 dB @ 2.45 GHz
Ripple	0.5 dB		0.5 dB		0.5 dB	

Typical Electrical Characteristics:

RFDIP2012100L0T	RFDIP2012100L1T	RFDIP2012100L2T
<h4>Frequency Characteristics</h4>	<h4>Frequency Characteristics</h4>	<h4>Frequency Characteristics</h4>