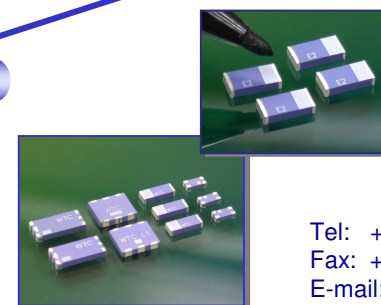


RF PRODUCT OVERVIEW

Last Update:2006/02/14

RF ANTENNA

Part Nr.	Dimension	Central frequency	Bandwidth (Typical)	Peak Gain (Typical)	VSWR	Polarization	Azimuth Beamwidth
RFANT6050110L0T	5.9 x 5.1 x 1.1mm ³	2.45/4.95/5.25/5.85GHz	100/200/100 MHz	1.5 dBi/4dBi	2 max.	Linear	Omni-directional
RFANT6050110L1T	5.9 x 5.1 x 1.1mm ³						
RFANT3216090A0T	3.2 x 1.6 x 0.9mm ³						
RFANT5220110A0T	5.2 x 2.0 x 1.1mm ³	2.450 GHz	350MHz	0 ~ 2 dBi			
RFANT7635110A1T	7.6 x 3.5 x 1.1mm ³		150MHz	0 ~ 2 dBi			
RFANT7635110A1T	7.6 x 3.5 x 1.1mm ³		380MHz	1 ~ 2 dBi			
RFANT5830110E0T	5.8 x 3.0 x 1.1mm ³	1.575 GHz	40MHz	0 ~ 2 dBi			
RGFRA9937380A0T	9.9 x 3.7 x 3.8mm ³	2.450 GHz	120MHz	0 ~ 2 dBi			
RGFRA1903041A0T	19 x 3.0 x 3.7mm ³		200MHz	0 ~ 2 dBi			

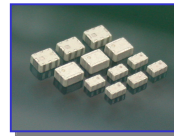
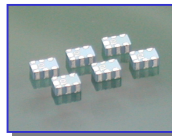
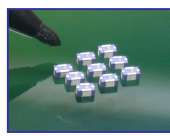
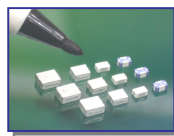


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MULTILAYER CERAMIC FILTER

Part Nr.	Dimension	Frequency range (MHz)	Insertion Loss (dB)	Key Attenuation (Min.)
RFBPF3225150A4T	3.2 x 2.5x 1.5mm ³	2450 ± 50 MHz	-2.0dB	-30dB @ 900/1850/4800MHz
RFBPF3225150A5T	3.2 x 2.5x 1.5mm ³		-1.8dB	-20dB @ 2100MHz
RFBPF2520120A1T	2.5 x 2.0x 1.2mm ³		-1.7dB	-30dB @ 900MHz -20dB @ 2100MHz -40dB @ 4800MHz -25dB @ 7200MHz
RFBPF2520120A2T	2.5 x 2.0x 1.2mm ³		-2.1dB	-30dB @ 900/1800/4800MHz
RFBPF2520120A3T	2.5 x 2.0x 1.2mm ³		-1.2dB	-30dB @ 900/1800MHz
RFBPF2520120A4T	2.5 x 2.0x 1.2mm ³		-1.7dB	-25dB @ 4800MHz
RFBPF2012090A1T	2.0 x 1.2x 0.9mm ³		-1.7dB	-30dB @ 900/4800MHz -20dB @ 1850MHz
RFLPF2012110A0T	2.0 x 1.2x 1.1mm ³		-0.7dB	-30dB @ 2 x (f ₀ ±BW/2) -20dB @ 3 x (f ₀ ±BW/2)
RFBPF2012100K0T	2.0 x 1.2x 1.0mm ³	5400 ± 500 MHz	-1.5dB	-20dB @ 11GHz
RFBPB2520120A1T	2.5 x 2.0x 1.2mm ³	2450 ± 50 MHz	-2.0dB	-25dB @900/1900MHz -30dB @ 4800MHz -20dB @ 7200MHz
RFBPB2520120A2T	2.5 x 2.0x 1.2mm ³		-2.2dB	-25dB @900/1900MHz -30dB @ 4800MHz -15dB @ 7200MHz
RFBPB2520120A3T	2.5 x 2.0x 1.2mm ³		-3.5dB	-45dB @900MHz -35dB @1900MHz -25dB @2170MHz -30dB @4800MHz
RFBPB2520120A4T	2.5 x 2.0x 1.2mm ³		-4.5dB	45dB @900MHz 30dB @1900/4800MHz 25dB @2170MHz
RFBPB2012090A0T	2.0 x 1.2x 0.9mm3		-3.5dB	35dB @ 880~960 MHz 30dB @ 1710~1880 MHz 20dB @ 1880~1990 MHz 30dB @ 4800~5000 MHz
RFBPB2012090A1T				



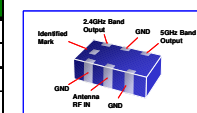
MULTILAYER CERAMIC BALUN

Part Nr.	Dimension	Frequency Range	Impedance		Insertion Loss	
			Unbal.	Bal.		
RGBLN2012080A4T	2.0 x 1.2x 0.9mm ³	2450 ± 50 MHz	50 Ω	50 Ω	-1.5dB	
RGBLN2012090A0T				50 Ω	-1.2dB	
RFLN2012090A1T				100 Ω	-1.0dB	
RFLN2012090A2T				200 Ω	-1.0dB	
RFLN2012090K0T		5400 ± 500 MHz		50 Ω	-1.2dB	
RFLN2012090K1T				100 Ω	-1.2dB	



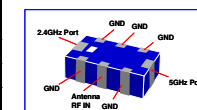
CERAMIC DIPLEXER

RFDIP2012100L0T	Band_1	Band_2
Central Frequency	2450 ± 50MHz	5400 ± 500MHz
Impedance	50 Ω	50 Ω
Insertion Loss	0.7dB	0.9dB
Return Loss	Min 10dB	
Attenuation	-25dB@5.2GHz -25dB@5.8GHz	-25dB@2.45GHz



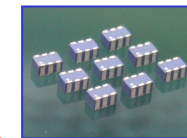
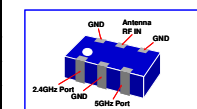
Outline of Diplexer - L0

RFDIP2012100L1T	Band_1	Band_2
Central Frequency	2450 ± 50MHz	5400 ± 500MHz
Impedance	50 Ω	50 Ω
Insertion Loss	0.7dB	0.9dB
Return Loss	Min 10dB	
Attenuation	-20dB@4.9GHz -20dB@5.2GHz -20dB@5.8GHz	-20dB@2.45GHz



Outline of Diplexer - L1

RFDIP2012100L3T	Band_1	Band_2
Central Frequency	2450 ± 50MHz	5400 ± 500MHz
Impedance	50 Ω	50 Ω
Insertion Loss	0.7dB	0.9dB
Return Loss	Min 10dB	
Attenuation	-20dB@4.9GHz -25dB@5.2GHz -25dB@5.8GHz	-25dB@2.45GHz



Outline of Diplexer - L3