



High Frequency Device and Chip Varistor Product Line

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LTCC RF Filter	Band Pass Filter													
	Bluetooth / Wi-Fi / Zigbee				Wi-Fi		Wi-MAX/TD-LTE							
	2.45GHz				5GHz		2.3GHz	2.5GHz	2.6GHz	3.5GHz				
	2520 (1008)	2012 (0805)	1608 (0603)	1005(0402)	2012 (0805)	1608(0603)	1608 (0603)	2012 (0805)	1608 (0603)	1608 (0603)				
LTCC RF Filter	Low Pass Filter						IPD	CPL(Coupler)						
	Bluetooth / Wi-Fi		Wi-Fi	Wi-MAX/TD-LTE			Bluetooth / Wi-Fi	Bluetooth / Wi-Fi/Mobile						
	2.45GHz		5GHz	2.5GHz	2.6GHz	3.5GHz	2.45GHz-5GHz	Variable Frequency						
	2012 (0805)	1608 (0603)	1005(0402)	1608 (0603)	1608 (0603)	1608 (0603)	2520	1608/1005						
RF Filter	Balanced Filter (Balun Filter)				Diplexer			Blaun	Balun					
	Bluetooth / Wi-Fi		Wi-MAX		Wi-Fi				Bluetooth / Wi-Fi / Zigbee		Wi-MAX			
	2.45GHz		2.6GHz-3.5GHz		2.4/5GHz				2.45GHz		5GHz	2.5GHz		
	2520(1008)	2012(0805)	1608(0603)	2012 (0805)	2520 (1008)	1608 (0603)	2012 (0805)		2012 (0805)	1608 (0603)	1005 (0402)	2012 (0805)	1608 (0603)	
Common Mode Filter	Discrete				Array			Chip Varistor	1005 (0402)	1608 (0603)	2012 (0805)	3216 (1206)		
	USB2.0 / IEEE 1394 / LVDS		HDMI / LVDS / DVI / PCI-E		USB2.0 / IEEE 1394 / LVDS	HDMI / LVDS / DVI / PCI-E			5.5V-26V	5.5V-30V	5.5V-30V	5.5V-38V		
	1632(0612)	1220(0508)	1210 (0504)	2012 (0805)	1210 (0504)	2010 (0804)	2010 (0804)							
Antenna	Chip Antenna										HF Inductor	0603 (0201)	1005 (0402)	1608 (0603)
	GPS		Bluetooth / Wi-Fi / Zigbee					Wi-Fi	WiMAX	1.0nH -33nH		1.0nH -100nH	1.0nH -270nH	
	1.575GHz		2.45GHz					2.4/5GHz	2.6GHz 3.5GHz					
	1003	3216	3216	5220	7635	8010	1204	1903	9937	6050		3216		