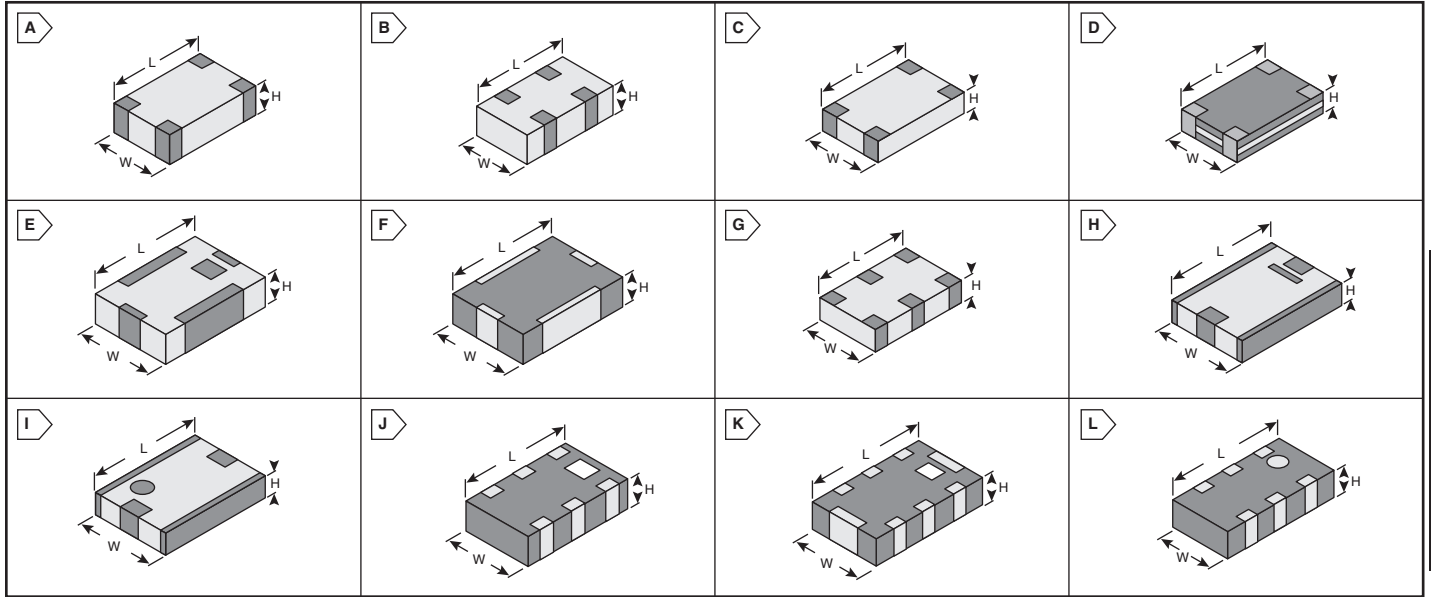


WALSIN Filters and Diplexers



RoHS Compliant This product is RoHS compliant.



Antennas

Walsin

COMMON MODE FILTERS USB 2.0/1394

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.		Fig.	Dimensions (mm)			Common Mode Attenuation	Differential Mode Insertion Loss (dB)	DC Resistance (Ω)	Rate Current (mA)	Characteristic Impedance (Ω)	Price Each			
Mfr.	Mfr. Part No.		L	W	H						1	50	100	500
791	—RFCMF1632140M2T	A	1.60±0.20	3.20 ±0.20	1.40±0.20	9.0 dB @140MHz~1GHz	0.8 @240MHz	2.5	300	90	1.18	.786	.542	.374
791	—RFCMF1632100M3T	A	1.60±0.20	3.20 ±0.20	1.00±0.20	9.0 dB @240MHz~1GHz	0.6 @240MHz	1.5	300	90	1.18	.786	.542	.374
791	—RFCMF1220100M3T	B	1.20±0.20	2.00±0.20	1.00±0.20	9.0 dB @240MHz~1GHz	0.6 @240MHz	1.5	300	90	.69	.463	.319	.22
791	—RFCMF1220100M4T	B	1.20±0.20	2.00±0.20	1.00±0.20	9.0 dB @240MHz~1GHz	1.0 @240MHz	2.5	200	90	.69	.463	.319	.22
791	—RGCMF1220080M5T	C	1.20±0.20	2.00±0.20	1.00±0.20	120Ω±20% @ 100HMz	-----	1.5	200	90	.42	.277	.191	.132
791	—RFCMF1210080M1T	D	1.20±0.20	2.00±0.20	1.00±0.20	75Ω±20% @ 100HMz	-----	0.85	100	90	.62	.416	.287	.198
791	—RFCMF1210080M2T	D	1.20±0.20	2.00±0.20	1.00±0.20	100Ω±20% @ 100HMz	-----	1	100	90	1.07	.716	.494	.341

BAND PASS FILTERS

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.		Fig.	Dimensions (mm)			Frequency Range	Insertion Loss (dB) (Max)	Attenuation (dB) (Min)	VSWR (Max)	Impedance (Ω)	Price Each			
Mfr.	Mfr. Part No.		L	W	H						1	50	100	500
2.4GHz ISM Band														
791	—RFBPF1608070A0T	E	1.60±0.15	0.80±0.15	0.70±0.10	2450 ± 50MHz	2.5	30 @960MHz, 25 @1910MHz, 20 @1990MHz, 30 @4800MHz, 25 @7200MHz	2.0	50	1.04	.695	.479	.33
791	—RFBPF2012090A1T	F	2.00±0.15	1.25±0.15	0.90±0.10	2450 ± 50MHz	1.7	30 @900MHz, 20 @1850MHz, 30 @4800MHz	2.0	50	1.39	.925	.638	.44
791	—RFBPF2012080A5T	G	2.00±0.15	1.25±0.15	0.90±0.10	2450 ± 50MHz	3.0	40 @880-960MHz, 40 @1710-1990MHz, 20 @2110-2170MHz, 40 @4800-5000MHz, 30 @7200-7500MHz	2.0	50	1.39	.925	.638	.44
791	—RFBPF2520120A1T	H	2.50±0.20	2.00±0.20	1.20±0.10	2450 ± 50MHz	1.7	30 @900MHz, 30 @1850MHz, 20 @2100MHz, 40 @4800MHz, 25 @7200MHz	2.0	50	1.39	.925	.638	.44
791	—RFBPF2520120A2T	H	2.50±0.20	2.00±0.20	1.20±0.10	2450 ± 50MHz	2.1	30 @900MHz, 30 @1850MHz, 30 @4800MHz	2.0	50	1.39	.925	.638	.44
791	—RFBPF2520120A3T	H	2.50±0.20	2.00±0.20	1.20±0.10	2450 ± 50MHz	1.2	30 @900MHz, 30 @1850MHz, 25 @4800MHz	2.0	50	1.39	.925	.638	.44
791	—RFBPF2520120A4T	H	2.50±0.20	2.00±0.20	1.20±0.10	2450 ± 50MHz	1.7	30 @900MHz, 30 @1850MHz, 25 @4800MHz	2.0	50	1.39	.925	.638	.44
791	—RFBPF2520100A5T	I	2.50±0.20	2.00±0.20	1.00±0.10	2450 ± 50MHz	2.0	40 @900MHz, 30 @1990MHz, 20 @2100MHz, 35 @3200MHz, 40 @4800MHz	2.0	50	1.39	.925	.638	.44
791	—RFBPF2520100A6T	I	2.50±0.20	2.00±0.20	1.00±0.10	2450 ± 50MHz	1.4	35 @1900MHz, 35 @4800MHz	2.0	50	1.39	.925	.638	.44
791	—RFBPF3225150A4T	H	3.20±0.20	2.50±0.20	1.50±0.10	2450 ± 50MHz	2.0	30 @900MHz, 30 @1850MHz, 20 @2100MHz, 30 @4800MHz	2.0	50	1.74	1.16	.798	.55
791	—RFBPF3225150A5T	H	3.20±0.20	2.50±0.20	1.50±0.10	2450 ± 50MHz	1.8	30 @900MHz, 30 @1850MHz, 20 @2100MHz, 30 @4800MHz	2.0	50	1.74	1.16	.798	.55
5.2/5.8GHz ISM Dualband														
791	—RFBPF2012100K0T	F	2.00±0.15	1.25±0.15	0.95±0.10	5400 ± 500MHz	-1.7@4.90GHz -1.5@5.25GHz -1.5@5.85GHz	-30 @3450MHz, -20 @11000MHz	2.0	50	1.39	.925	.638	.44

DIPLEXERS

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.		Fig.	Dimensions (mm)			Central Frequency		Insertion Loss (dB)		Return Loss (dB) (Min)	Attenuation (dB)		Price Each			
Mfr.	Mfr. Part No.		L	W	H	Band 1	Band 2	Band 1	Band 2		Band 1	Band 2	1	50	100	500
791	—RFDIP2012100L0T	J	2.00±0.15	1.25±0.15	0.95±0.10	2450±500MHz	5400±500MHz	0.7	0.9	10	-20 @4.9GHz -25 @5.2GHz -25 @5.8GHz	-25 @2.45GHz -25 @2.45GHz -25 @2.45GHz	1.88	1.25	.861	.594
791	—RFDIP2012100L1T	K	2.00±0.15	1.25±0.15	0.95±0.10	2450±500MHz	5400±500MHz	0.7	0.9	10	-20 @4.9GHz -20 @5.2GHz -20 @5.8GHz	-20 @2.45GHz -20 @2.45GHz -20 @2.45GHz	1.88	1.25	.861	.594
791	—RFDIP2012100L3T	L	2.00±0.15	1.25±0.15	0.95±0.10	2450±500MHz	5400±500MHz	0.7	0.9	10	-20 @4.9GHz -25 @5.2GHz -25 @5.8GHz	-25 @2.45GHz -25 @2.45GHz -25 @2.45GHz	1.88	1.25	.861	.594

