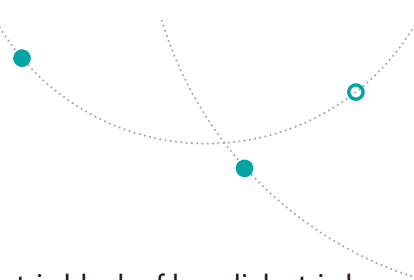




# Dielectric Filter Selection Guide



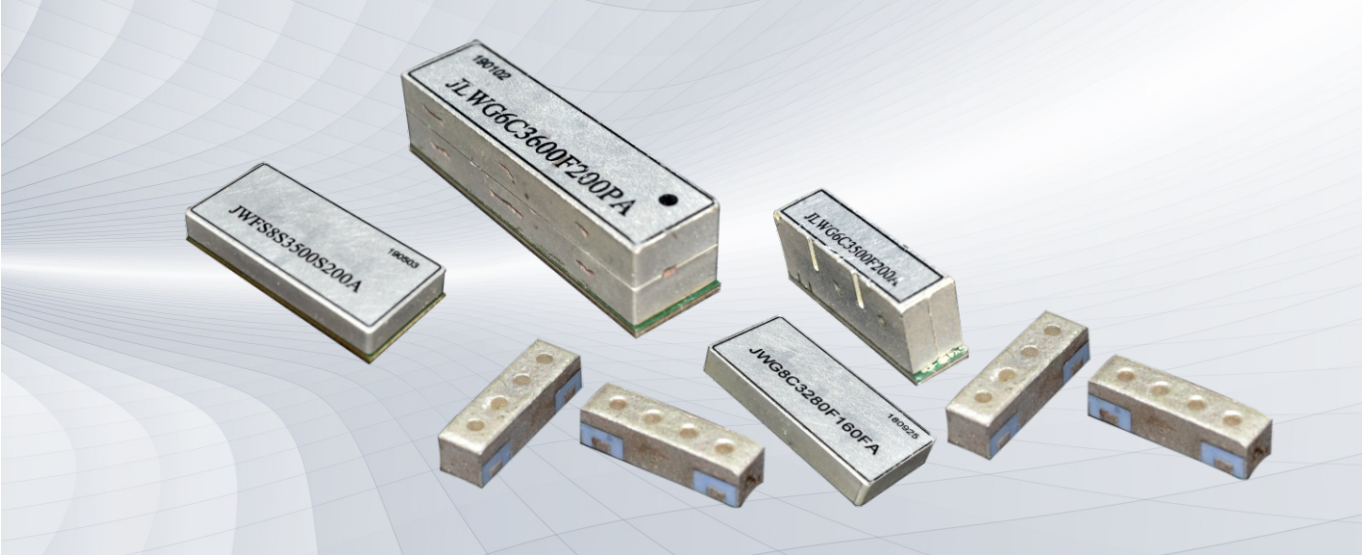
南京舜特科通信技术有限公司  
Sainty-Tech Communications Limited



# INTRODUCTION

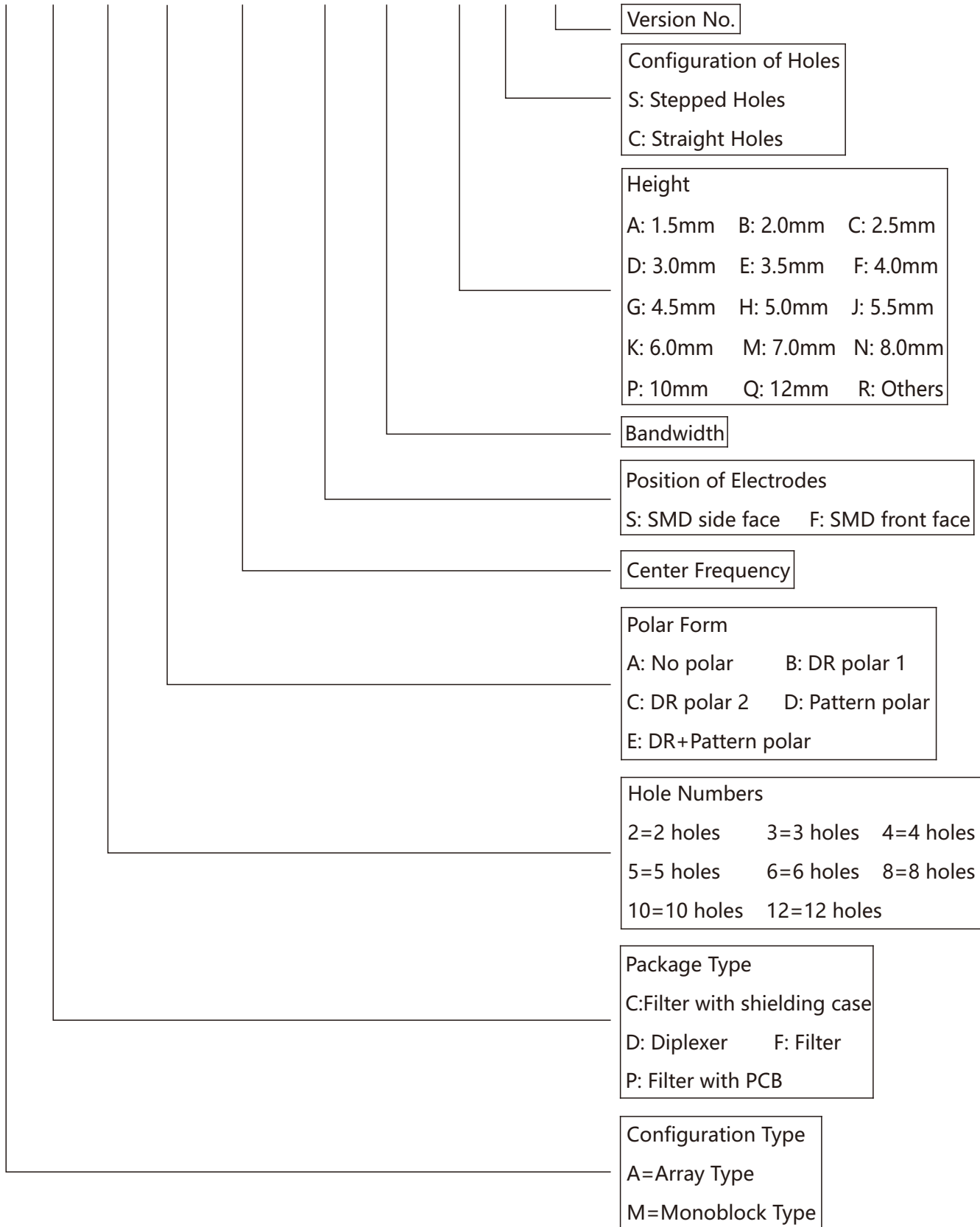
Dielectric filter utilizes an array of holes at pre-determined intervals, in a dielectric block of low dielectric loss, and a conductor film that is formed on the surface of the block and the inner surfaces of the holes. This constitutes resonators which resonance frequency is determined by the depth of each hole.

We provide customized dielectric filters up to 10GHz, with wide bandwidth, excellent performance, and compact size. Rapid response, high-volume production capacity and competitive prices are our advantages. Our filters are widely used in many applications, such as Microwave Telecommunications, 5G Communications, IoT, Radar, ECM, Aerospace, Navigation etc.



# Numbering Rules









**A F 10 A 1985 F 370 F C A**










# Dielectric Filter








Part Number	Center Freq. (MHZ)	Bandwidth (MHZ)	I.L.(dB) max.	Ripple(dB) max.	Return Loss (dB)min.	Attenuation (dB) min.	Size (mm)	Datasheet
MC6A456F11NCA	456	11	5	1.5	16	25min@467MHz	24.0x17.25x8.0	
AF5A485S70KCA	485	70	1	0.5	14	10.0dBc@400MHz	32.0x25.0x8.0	
						10.0dBc@570MHz		
						40.0dBc@350MHz		
						40.0dBc@620MHz		
MF2A514F8KCA	514	8	1.2	0.5	14	25@f0±100MHz	11.3x14.5x6.0	
MF2A546F8KCA	546	8	1.2	0.5	14	25@f0±100MHz	11.3x13.6x6.0	
MF2A602F8KCA	602	8	1.2	0.5	14	25@f0±100MHz	11.3x12.3x6.0	
MF3A634S35DCA	634.5	35	2.5	0.3	16	30@DC~350MHz	8.0x10.5x3.0	
						25@728~768MHz		
						30@862~894MHz		
AF5A640S10FCA	640	10*	5	0.5	14	35dBc@670MHz	23.0x18.5x5.5	
						70dBc@700MHz		
						30dBc@610MHz		
						35dBc@580MHz		
MF2A650F8KCA	650	8	1.2	0.5	14	25@f0±100MHz	11.3x11.4x6.0	
MP10C670F60NCA	670	60	4	1	14	70@600MHz	42.0x17.0x9.0	
						60@740MHz		
MP10C680F35NCA	680.5	35	3	1.5	15	45@617~652MHz	42.0x17.0x9.0	
MC6A742F89HCA	742.5	89	2	0.8	15	50dBc@DC~520MHz	13.0x10.7x5.0	
						25dBc@520~616MHz		
						20dBc@657MHz		
						20dBc@862~894MHz		
AF5A745F90HCA	745	90	2	1	4	30@660MHz	26.5x16.4x6.5	
						30@866MHz		
						40@1000~1650MHz		
MF3A748S40DCA	748	40	2.2	0.2	15	15@600~678MHz	8.0x10.3x3.0	
						15@818~900MHz		
						25@1000~1500MHz		
						10@1500~1550MHz		
						3@1800~1930MHz		
						40@100~350MHz		

Remarks: \* it is 3dB Bandwidth.

Part Number	Center Freq. (MHZ)	Bandwidth (MHZ)	I.L.(dB) max.	Ripple(dB) max.	Return Loss (dB)min.	Attenuation (dB) min.	Size (mm)	Datasheet
MF3A748S40DCB	748	40	2.5	0.2	17	35@200~450MHz	8.0x10.3x3.0	
						25@450~652MHz		
						25@869~1000MHz		
						1.5@777~798MHz		
						15@817~849MHz		
						25@862~894MHz		
						0@1695~1955MHz		
						0@2110~2690MHz		
						5.5@663~698MHz		
						1.4@698~716MHz		
MF4A777F45FCA	777.5	45	3	0.5	17	45dBc@487~645MHz	10.8x9.0x3.6	
						45dBc@1280~1300MHz		
MF3A780S45DCA	780.5	45	2.2	0.2	15	15@650~708MHz	8.0x9.9x3.0	
						15@853~900MHz		
						23@1000~1500MHz		
						40@100~350MHz		
MF4A806F30FCA	806	30	3	0.5	17	45dBc@600~710MHz	10.8x8.4x3.6	
						25dBc@925~960MHz		
						40dBc@1041~1300MHz		
AF4A815S5DCA	815	5	3	1	14	40@f0+100MHz	13.0x15.4x4.5	
MC6A833F32HCA	833	32	2.2	0.5	16	30dBc@DC~600MHz	13.0x10.4x5.0	
						25dBc@617~768MHz		
						30dBc@979~1100MHz		
						7dBc@862~894MHz		
AF4A850S20DCA	850	20	6	-	14	50@1000MHz	18.5x15.4x4.5	
						40@600MHz		
						40@5650~6050MHz		
						40@6400~6900MHz		
MF3A878S32DCC	878	32	2.7	0.3	15	20@768~812MHz	8.0x8.6x3.0	
						20@944~1000MHz		
						28@1000~1500MHz		
						30@400~768MHz		
						40@DC~400MHz		









Part Number	Center Freq. (MHZ)	Bandwidth (MHZ)	I.L.(dB) max.	Ripple(dB) max.	Return Loss (dB)min.	Attenuation (dB) min.	Size (mm)	Datasheet
MF4A878F32FCA	878	32	3	0.6	17	35@200~728MHz	10.8x8.6x3.5	
						25@728~757MHz		
						4@855.5MHz		
						25@1000~1900MHz		
MF3A916F20NCA	916	20	1	1	14	6@856~886MHz	16.0x13.0x8.0	
						6@946~976MHz		
MF4A942F35FCA	942.5	35	3	0.7	15	45@460~710MHz	10.8x8.0x3.6	
						20@791~821MHz		
						45@1041MHz		
						45@1122~1157MHz		
						40@1420~1460MHz		
						15@2090MHz		
AF6A997F8FCA	997	8	6.5	1	14	60dBc@f0+35MHz	26.0x14.0x5.2	
						65dBc@f0-35MHz		
MC6A1030F13HCB	1030	13	5	1.1	14	11dBc@f0-12MHz	20.5x13.3x5.4	
						9dBc@f0+12MHz		
						31dBc@f0±17MHz		
						41dBc@f0-130~f0-22MHz		
						41dBc@f0+22~f0+190MHz		
MC6A1090F13HCB	1090	13	5	1.1	14	11dBc@f0-12MHz	20.5x12.6x5.4	
						9dBc@f0+12MHz		
						31dBc@f0±17MHz		
						41dBc@f0-130~f0-22MHz		
						41dBc@f0+22~f0+190MHz		
AF5A1130S340NCA	1130	340	0.8	0.5	14	30@810MHz	47.0x23.0x9.5	
						22@1450MHz		
						45@660MHz		
						40@1600MHz		
						60@460MHz		
						65@1800MHz		
						40@6000MHz		








Part Number	Center Freq. (MHZ)	Bandwidth (MHZ)	I.L.(dB) max.	Ripple(dB) max.	Return Loss (dB)min.	Attenuation (dB) min.	Size (mm)	Datasheet
MC8A1150F100NCA	1150	100	2.5	1	15	40@DC~900MHz	30.0x10.2x8.5	
						20@1000~1080MHz		
						20@1220~1300MHz		
						40@1300~1700MHz		
AF5A1223S120FCA	1223	120	2	0.5	12	55@DC~1003MHz	30.0x16.0x5.5	
						5@1003~1120MHz		
						10@1320~1565MHz		
						50@1565~1900MHz		
						55@1900~6500MHz		
MF3A1227F20GCA	1227.6	20	1.5	0.5	1	35@1087.6MHz	11.75x9.22x4.5	
						7@1192.6MHz		
						7@1262.6MHz		
						30@1367.6MHz		
AF6B1300F125FCA	1300	125	2.5	0.5	15	50dBc@DC~1000MHz	38.11x14.6x5.5	
						50dBc@1500~6000MHz		
AF6A1300F200HCC	1300	200	1.5	0.2	14	60@1000MHz	32.5x13.0x6.1	
						65@2000MHz		
MP8A1300F100NCA	1300	100	1.5	0.8	17.6	50@1400~1500MHz	33.4x11.5x9.0	
						60@1550~1650MHz		
AF4A1380S300DCA	1380	300	1	1	14	30dBc@1000MHz	13.0x12.0x4.0	
						38dBc@2000MHz		
MP5A1413S45FCA	1413	45	1.9	1	14	40@1200MHz	17.80x12.70x5.08	
						40@1600MHz		
						60@800MHz		
						60@2000MHz		
MP8A1450F100NCB	1450	100	1.5	0.8	17.6	50@1250~1350MHz	33.4x11.5x9.0	
						40@1550~1650MHz		
AF6A1490S50FCA	1490	50	2.5	1.5	14	50@1290~1330MHz	26.4x14.0x4.83	
						40@1400MHz		
						5@1450MHz		
						5@1530MHz		






Part Number	Center Freq. (MHZ)	Bandwidth (MHZ)	I.L.(dB) max.	Ripple(dB) max.	Return Loss (dB)min.	Attenuation (dB) min.	Size (mm)	Datasheet
AF10A1500F600FCB	1500	600	2	1	14	50@1000MHz	50.0x16.0x5.1	
						40@2000MHz		
						30@2000~4800MHz		
AF6B1570F125FCA	1570	125	1.8	0.5	15	50dBc@1800-6000MHz	38.11x14.6x5.5	
MF3A1574F21GCA	1574.9	21	1.8	0.5	10	35@1435.4MHz	11.75x7.55x4.5	
						7@1540.4MHz		
						7@1610.4MHz		
						30@1715.4MHz		
MC4A1630F52FCA	1630	52	3.5	1	15	14.0@fo±55MHz	11.9x9.2x4.2	
						30.0@fo±100MHz		
						60.0@1884MHz		
						35.0@3400MHz		
						35.0@3520MHz		
						23.0@3680MHz		
MC6A1725F70HCA	1725	70	2	1	14	65@1550MHz	20.5x8.4x5.4	
						40@1830MHz		
						50@fo±150MHz		
MF3A1732S45DCA	1732.5	45	3	0.2	17	25@698~849MHz	8.0x6.8x3.0	
						25@1850~1915MHz		
MC6A1737F85HCA	1737.5	85	2	0.4	17	50dBc@DC~960MHz	13.0x7.8x5.0	
						25dBc@1520~1590MHz		
						10dBc@1635MHz		
						30dBc@1930~1995MHz		
						40dBc@2100~2200MHz		
						50dBc@2300~2700MHz		
						20dBc@2300~2800MHz		
MC6A1745F70HCA	1745	70	2	0.3	17	50dBc@DC~960MHz	13.0x7.8x5.0	
						25dBc@1520~1590MHz		
						10dBc@1650MHz		
						0dBc@1930~1995MHz		
						40dBc@2100~2200MHz		
						42dBc@2300~2700MHz		
						20dBc@2300~2800MHz		














Part Number	Center Freq. (MHZ)	Bandwidth (MHZ)	I.L.(dB) max.	Ripple(dB) max.	Return Loss (dB)min.	Attenuation (dB) min.	Size (mm)	Datasheet
MF2A1762S10DCA	1762	10	3	1	14	40@2020~2200MHz	4.7x4.5x3.3	
MP10C1810F200NCA	1810	200	3	2	15	30@1930~2155MHz	42.0x17.0x9.0	
						45@617~652MHz		
MC6A1820F140HCA	1820	140	2	1	14	25@1700MHz	20.5x8.0x5.4	
						40@1950MHz		
						50@f0±150MHz		
MC4A1842S75DCA	1842.5	75	2.5	0.3	15	40@30~1700MHz	8.0x7.8x3.2	
						35@1950~2800MHz		
MF4A1882F65FCA	1882.5	65	4.3	2.5	10	5dBc@1922.5MHz	10.0x6.1x3.6	
						30dBc@100~1800MHz		
						30dBc@2110~2700MHz		
MC6A1882F65HCA	1882.5	65	2.6	1	15	50dBc@DC~894MHz	13.0x7.5x5.0	
						25dBc@1703~1780MHz		
						20@1809MHz		
						5dBc@1930~1995MHz		
						40dBc@2100~2200MHz		
						50dBc@2300~2500MHz		
						40dBc@2500~3000MHz		
MC4A1900F200FCA	1900	200	1.2	0.5	16	40@1600MHz	10.64x7.4x3.85	
						40@2200~2800MHz		
						30@2800~3500MHz		
MF4A1962F65FCA	1962.5	65	3	1	15	3dBc@1922.5MHz	10x5.9x3.6	
						20dBc@100~1800MHz		
						30dBc@2110~2700MHz		
MC6A1962F225HCA	1962.5	225	2	0.4	16	45@DC~350MHz	13.0x6.4x5.0	
						40@1590~1655MHz		
						25@1655~1720MHz		
						7.0@1720~1785MHz		
						2.0@1785~1800MHz		
						2.0@2125~2140MHz		
						4.0@2140~2205MHz		
						21@2205~2270MHz		
						40@2270~2335MHz		
						15@3860~3990MHz		





Part Number	Center Freq. (MHZ)	Bandwidth (MHZ)	I.L.(dB) max.	Ripple(dB) max.	Return Loss (dB)min.	Attenuation (dB) min.	Size (mm)	Datasheet
MC6A1975F270HCA	1975	270	2	0.35	16	45@DC~350MHz	13.0x6.4x5.0	
						40@1590~1655MHz		
						25@1655~1720MHz		
						7@1695~1780MHz		
						18@2205~2270MHz		
						35@2270~2335MHz		
						15@3860~3990MHz		
AF10A1985F370FCA	1985	370	2.3	1	15	50@1600MHz	42.0x14.5x5.1	
						50@2500MHz		
						70@2400MHz		
MF4A2050S100FCA	2050	100	1.7	-	14	30@fo±150MHz	9.6x7.6x3.5	
MC6A2070F104HCA	2070	104	2.5	1	14	50dBc@DC~1900MHz	13.0x9.2x5.0	
						40dBc@2240~2340MHz		
MF4A2072S95MCA	2072.5	95	1	0.5	14	20dBc@1850~1950MHz	11.6x7.8x7.0	
						25dBc@2200~2300MHz		
MC6A2125F140HCA	2125	140	2	0.5	14	40dBc@1770MHz	20.5x9.0x5.4	
						30dBc@1980MHz		
						40dBc@2400MHz		
						65dBc@2610MHz		
MF3A2145S70DCB	2145	70	2.7	0.3	17	20@1930~2010MHz	8.0x7.4x3.0	
						20@2285~2345MHz		
						30@2345~3000MHz		
						40@DC~1930MHz		
MC6A2155F270HCA	2155	270	2	0.3	15	45@DC~350MHz	13.0x7.9x5.0	
						35@1700~1730MHz		
						25@1730~1820MHz		
						20@1820~1910MHz		
						4.0@1910~1965MHz		
						5.0@2345~2400MHz		
						17@2400~2490MHz		
						35@2490~2580MHz		
						45@2580~2690MHz		
						15@4220~4400MHz		




Part Number	Center Freq. (MHZ)	Bandwidth (MHZ)	I.L.(dB) max.	Ripple(dB) max.	Return Loss (dB)min.	Attenuation (dB) min.	Size (mm)	Datasheet
MF4A2250S100HCC	2250	100	1.5	0.5	14	25@2120MHz	11.5x6.7x5.0	
						25@2380MHz		
MC4A2250F300FCB	2250	300	1	0.5	18	45@DC~1850MHz	10.84x7.5x3.85	
						25@1850~1950MHz		
						35@3000-3400MHz		
						8@6000MHz		
MC6A2250F104HCA	2250	104	2.5	1	14	50dBc@DC~2122MHz	13.0x8.5x5.0	
						40dBc@2378~2478MHz		
MC6A2250F100HCK	2250	100	3	1	14	50dBc@2120MHz	13x8.5x5.0	
						50dBc@2380MHz		
MC6A2250F100HCM	2250	100	3	1	14	50dBc@DC~2120MHz	13x8.2x5.0	
						50dBc@2380~2480MHz		
MP5A2265S131FCA	2265.5	131	3	0.6	14	30dBc@2120MHz	14.0x10.0x5.0	
						30dBc@2420MHz		
						40dBc@1509~1604MHz		
MC4A2275F250FCA	2275	250	1	1	18	40@DC~1900MHz	10.0x8.0x3.95	
						45@2650~3500MHz		
MC4A2300F200FCG	2300	200	1	0.5	18	30@DC~2000MHz	10.84x7.5x3.85	
						35@3000~3400MHz		
						30@4000MHz		
						35@6000MHz		
MC4A2300F400FCA	2300	400	1.3	0.5	14	40@10~1500MHz	10.8x5.9x3.95	
						25@1500~1900MHz		
						20@2700~3500MHz		
MC4A2300F400FCB	2300	400	1.2	0.7	16	40@DC~1800MHz	10.84x7.1x3.95	
						40@2900~3100MHz		
MF3A2310S10DCB	2310	10	2.8	0.3	15	40@700~800MHz	8.7x5.0x3.0	
						35@817~849MHz		
						35@1850~1915MHz		
						30@1710~1755MHz		
						5@2332.5MHz		
						25@2500~2700MHz		
						35@2700~3000MHz		

Part Number	Center Freq. (MHZ)	Bandwidth (MHZ)	I.L.(dB) max.	Ripple(dB) max.	Return Loss (dB)min.	Attenuation (dB) min.	Size (mm)	Datasheet
MC6A2312F15HCA	2312.5	15	2.8	0.5	15	50dBc@DC~894MHz	13x8.0x5.0	
						40dBc@1930~1995MHz		
						30dBc@2110~2200MHz		
						6.5dBc@2345~2360MHz		
						40dBc@2426MHz		
						50dBc@2496~2690MHz		
						50dBc@3400~3600MHz		
MC4A2350F100FCC	2350	100	2	1	10	40@0.1~2100MHz	10.7x7.8x3.90	
						40@2600~4000MHz		
						25@4000~5000MHz		
MC8A2350F100NCA	2350	100	1.8	1.1	14	40@10~2110MHz	32.5x7.9x8.44	
						45@2110~2170MHz		
						25@2200~2250MHz		
						13@2250~2280MHz		
						14@2420~2443MHz		
						30@2444~2500MHz		
						40@2500~2690MHz		
15@2690~3000MHz								
MF3A2352S15DCA	2352.5	15	2.7	0.2	17	20@2180~2245MHz	8.0x6.7x3.0	
						20@2460~2620MHz		
						30@2620~3000MHz		
						30@1930~2180MHz		
						40@DC~1930MHz		
MC6A2352F95HCA	2352.5	95	2	0.4	16	45@DC~350MHz	13.0x6.8x5.0	
						40@2000~2005MHz		
						35@2005~2060MHz		
						25@2060~2100MHz		
						12@2100~2200MHz		
						8.5@2495~2605MHz		
						25@2605~2645MHz		
						35@2645~2690MHz		
						24@2690~2700MHz		
						15@4690~4720MHz		










Part Number	Center Freq. (MHZ)	Bandwidth (MHZ)	I.L.(dB) max.	Ripple(dB) max.	Return Loss (dB)min.	Attenuation (dB) min.	Size (mm)	Datasheet
MF3A2355S10DCA	2355	10	2	0.2	17	40@727~757MHz	8.0x6.8x3.0	
						35@862~894MHz		
						35@1930~1995MHz		
						30@2110~2155MHz		
						25@2550~2700MHz		
						35@2700~3000MHz		
MC4A2400F30FCA	2400	30	3	0.5	14	35dBc@2260MHz	10.0x7.7x3.95	
						25dBc@2600MHz		
						30dBc@3000MHz		
AF6A2430S400FCA	2430	400	3	2	12	70@1310MHz	25.4x12.0x5.0	
						60@1930MHz		
						30@2810MHz		
MC6A2592F395HCA	2592.5	395	2	0.4	16	45@DC~350MHz	13x6.3x5.0	
						40@2110~2175MHz		
						35@2175~2235MHz		
						20@2235~2295MHz		
						5@2865~2925MHz		
						15@2925~2985MHz		
						24@2985~3045MHz		
						14@4992~5380MHz		
MC6A2593F194HCA	2593	194	3	0.6	15	30dBc@DC~350MHz	13.0x7.0x5.0	
						50dBc@728~757MHz		
						50dBc@862~894MHz		
						40dBc@1930~1995MHz		
						30dBc@2110~2200MHz		
						20dBc@2345~2360MHz		
						50dBc@3400~3800MHz		
						MC6A2593F582HCA		
30@600~1500MHz								
10@3010~3020MHz								
35@3200~4500MHz								
MF3A2595F70CCB	2595	70	2	1	9.5	8.0@2704MHz	6.7x4.1x2.4	
						37@2848MHz		
						33@3136~3206MHz		

Part Number	Center Freq. (MHZ)	Bandwidth (MHZ)	I.L.(dB) max.	Ripple(dB) max.	Return Loss (dB)min.	Attenuation (dB) min.	Size (mm)	Datasheet
MF4A2600F220DCA	2600	220	1.2	-	10	25@2044~2234MHz	8.1x3.8x3.0	
						35@2956~3146MHz		
						38@3412~3602MHz		
AF6A2630S400FCA	2630	400	3	2	12	70@1310MHz	25.4x11.5x5.0	
						60@1930MHz		
						30@3000MHz		
MF3A2655S70DCA	2655	70	2.7	0.3	17	20@2400~2520MHz	8.0x5.9x3.0	
						20@2790~3000MHz		
						40@DC~2000MHz		
						25@2000~2400MHz		
MP8A2657F66HCB	2657	66	2.8	0.5	12.7	45@2500~2568MHz	50x11.5x6.2	
						50@2400~2473MHz		
						50@824~2025MHz		
						30@5248~5380MHz		
MP8A2668F44HCB	2668	44	2.8	0.5	12.7	45@2500~2568MHz	50x11.5x6.2	
						50@2400~2473MHz		
						50@824~2025MHz		
						30@4892~5380MHz		
						30@7338~8070MHz		
MF4A2675F200FCA	2675	200	2	1	9.5	30@2375MHz	11.9x5.6x3.8	
						30@2f0MHz		
						1@3f0MHz		
MF4A2725F200FCA	2725	200	3.2	1.3	14	40@2225MHz	11.9x5.6x3.8	
						40@3225MHz		
MC6A2735F80HCA	2735	80	2	0.5	14	35dBc@2130MHz	20.5x7.3x5.4	
						25dBc@2340MHz		
						30dBc@2840MHz		
AF8A2775S600FCA	2775	600	2	1	14	60dBc@2000MHz	34.5x14.5x5.2	
						50dBc@3500MHz		
MC6A2840F135HCA	2840	135	2	0.5	14	35dBc@2260MHz	20.5x6.5x5.4	
						25dBc@2600MHz		
						30dBc@3000MHz		






Part Number	Center Freq. (MHZ)	Bandwidth (MHZ)	I.L.(dB) max.	Ripple(dB) max.	Return Loss (dB)min.	Attenuation (dB) min.	Size (mm)	Datasheet
MC8A2862F85HCA	2862.5	85	3	1	14	65@2750MHz	32.0x8.9x5.35	
						65@2975MHz		
MC8A2937F85HCA	2937.5	85	3	1	14	65@2825MHz	32.0x8.7x5.35	
						65@3050MHz		
MC4A2970F4FCA	2970	4	3	1	18	40@2700~2900MHz	10.8x6.6x4.2	
						50@0~2700MHz		
						40@3150~5000MHz		
MC8A3012F85HCA	3012.5	85	3	1	14	65@2900MHz	32.0x8.5x5.35	
						65@3125MHz		
MC8A3025F250HCA	3025	250	3	1	14	65@2700MHz	32.0x8.5x5.35	
						65@3350MHz		
MC8A3085F80HCA	3085	80	3	1	14	65@2970MHz	32.0x8.4x5.35	
						65@3200MHz		
AF6A3100S400FCB	3100	400	2	1	14	40@2600MHz	25.4x12.5x5.0	
						45@3700~7800MHz		
MC6A3100F450NCA	3100	450	0.9	0.5	14	30@2250MHz	24.0x8.2x8.1	
						20@2700MHz		
						20@3600~5000MHz		
AF6A3300S400FCB	3300	400	2	1	14	40@2600MHz	25.4x12.5x5.0	
						45@3900~7800MHz		
MF3A3300F400DCF	3300	400	0.8	0.5	12	30@2600MHz	6.7x4.5x3.0	
						22@4000MHz		
MF4A3300F400DCD	3300	400	2	0.5	12	30@2600~2850MHz	6.8x4.2x4.0	
						30@3750~4000MHz		
MF4A3350F100FCD	3350	100	3.5	1.2	14	30@3010MHz	11.9x7.5x3.8	
						30@3780MHz		
MF4A3400F200FCA	3400	200	3.2	1.3	14	40@2900MHz	11.9x6.5x3.8	
						40@3900MHz		
MF3A3449F100CCB	3449.79	100.5	1.5	1	9.5	40@2487.5~2588MHz	6.7x4.6x2.5	
						45@2943.5~3044MHz		
MF3A3450F120DCA	3450	120	2	0.4	9.5	45@2944~3044MHz	8.1x3.3x3	
						20@3800~4200MHz		

Part Number	Center Freq. (MHZ)	Bandwidth (MHZ)	I.L.(dB) max.	Ripple(dB) max.	Return Loss (dB)min.	Attenuation (dB) min.	Size (mm)	Datasheet
MF3A3500F200CCC	3500	200	1.5	1	9.5	35@3020MHz 17@3800MHz	6.7x4.6x2.5	
MF3A3650F100CCB	3650	100	2	0.5	9.5	40@2900~3000MHz 35@3250~3350MHz 26@3950~4050MHz	6.7x4.2x2.5	
MF3A3700F200CCB	3700	200	1.45	1	9.5	30@3250MHz 15@4050MHz	6.7x4.3x2.5	
MC6A3750F900NCA	3750	900	1.2	0.5	14	54@1~2700MHz 43@2701~3000MHz 40@4600~6000MHz	25.9x7.0x8.0	
MP8A3950F500NCA	3950	500	1.9	1	15	45@1~3500MHz 15@3620MHz 15@4280MHz 50@4600~6000MHz	40.0x8.5x8.8	
MC6A3950F300FCA	3950	300	2	1	12	60dBc@3350MHz 60dBc@4750MHz	19.5x7.1x4.42	
MC6A3950F500NCA	3950	500	1.7	1.2	14	47@1~2700MHz 38@2700~3500MHz 25@3500~3600MHz 5@3600~3660MHz 2@3660~3680MHz 2@4220~4240MHz 5@4240~4300MHz 25@4300~4400MHz 38@4400~5590MHz 25@5950~7000MHz	25.9x7.0x8.0	
MC8A3950F500KCA	3950	500	1.7	1.2	14	47@1~2700MHz 38@2700~3500MHz 30@3500~3600MHz 10@3600~3660MHz 2@3660~3680MHz 2@4220~4240MHz 10@4240~4300MHz 30@4300~4400MHz 38@4400~5590MHz 25@5950~7000MHz	27.0x7.0x6.3	



Part Number	Center Freq. (MHZ)	Bandwidth (MHZ)	I.L.(dB) max.	Ripple(dB) max.	Return Loss (dB)min.	Attenuation (dB) min.	Size (mm)	Datasheet
MC6A4700F600NCC	4700	600	1.4	1.2	14	40@1~3800MHz	25.9x8.0x6.0	
						25@5150~7200MHz		
MC8A4700F600KCA	4700	600	1.7	1.2	14	40@1~3800MHz	27.0x7.0x6.3	
						40@5150~7200MHz		
MC6A4737F525FCA	4737.5	525	4	0.7	15	40dBc@DC~4200MHz	18.0x5.8x4.2	
						40dBc@5250~7500MHz		
MF2A4950F100BCA	4950	100	1.6	-	9.54	15@4550MHz	3.4x3.0x1.7	
						9@5250~5350MHz		
						20@5490~5710MHz		
						30@5725~5850MHz		
MF2A4965F150DCA	4965	150	1.3	-	9.54	55@DC~1700MHz	6.0x4.57x3.0	
						40@2845MHz		
						40@4190MHz		
MF2A5047F305BCA	5047.5	305	2	-	9.54	50@0.1~1990MHz	3.8x3.15x2.0	
						45@2400~2484MHz		
						30@3200~3500MHz		
						15@6650~6850MHz		
						20@4435~4895MHz		
						20@5200~5820MHz		
MF4A5240F180DCB	5240	180	3.2	1.8	10	38@30~2700MHz	8.6x4.05x2.7	
						16@3453~3547MHz		
						33@3667~3883MHz		
						50@5490~5850MHz		
						20@7200~7500MHz		
MC4A5375F350FCA	5375	350	3	1	14	15@5700MHz	10.0x5.2x3.95	
						45@6000MHz		
						20@5000MHz		
						45@4700MHz		
MF4A5450F700DCA	5450	700	2	1	10	55@2400MHz	8.6x3.7x2.7	
						7@4950MHz		
						5@5950MHz		






# Dielectric Filter

Part Number	Center Freq. (MHZ)	Bandwidth (MHZ)	I.L.(dB) max.	Ripple(dB) max.	Return Loss (dB)min.	Attenuation (dB) min.	Size (mm)	Datasheet
MF4A5670F360DCC	5670	360	2.8	1.5	10	38@30~2700MHz	8.6x3.7x2.7	
						16@3453~3547MHz		
						33@3667~3883MHz		
						50@5150~5330MHz		
						15@7200~7500MHz		
MC6A5775F100HCA	5775	100	5	1	12	30@4000~5670MHz	20.5x5.3x5.4	
						30@5880~7000MHz		
MF2A5800F150BCD	5800	150	2.2	-	9.54	53@DC~1990MHz	3.0x2.8x1.6	
						38@3300MHz		
						40@5000MHz		
						12@5425MHz		
						8@6175MHz		
						25@6800MHz		
MC6A9325F650FCA	9325	650	4	1	15	40dBc@DC~8500MHz	18.0x4.0x4.2	
						40dBc@10150~16000MHz		
MC6A9475F1050FCA	9475	1050	4	1	15	38dBc@DC~8500MHz	18.0x4.8x4.2	
						34dBc@10450~16000MHz		



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