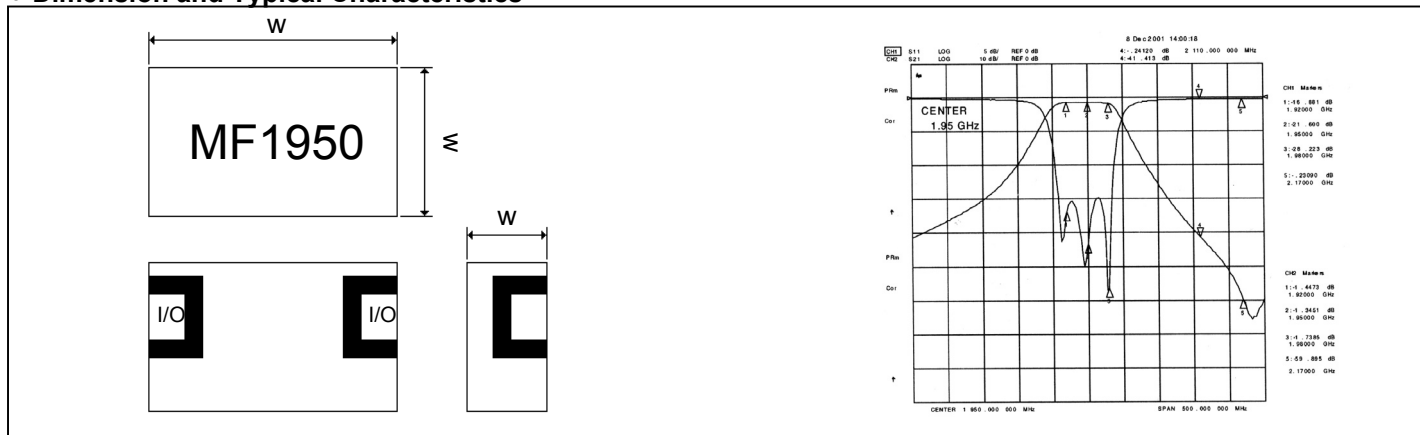




### Dielectric Filter (MC/MF/MP Mono Type)

#### • Dimension and Typical Characteristics



#### • Electrical Characteristics

Part Number	Center Frequency fo (MHz)	Bandwidth (MHz)	Insertion Loss (dB max.)	Ripple (dB max.)	VSWR max.	Stop Band Attenuation (dB min.)	Dimension W x L x H (mm max.)	Application
MP3A1656S20FCA	1656.0	20.0	2.0	1.0	1.5	40.0 (fo ± 130MHz)	12.5 x 10.0 x 5.0	TD-SCDMA
MP3A1650S30FCA	1650.0	30.0	2.5	0.5	1.5	30.0 (fo ± 80MHz)	12.5 x 10.0 x 5.0	
MF3A1790F40GCA	1790.0	40.0	2.2	1.0	2.0	40.0 (fo - 125MHz) 40.0 (fo - 260MHz)	11.6 x 7.3 x 4.6	
MF3A2017S15GCA	2017.5	15.0	3.0	0.5	1.5	35.0 (fo ± 177.5MHz)	11.6 x 6.0 x 4.1	
MF3A2017S77BCA	2017.5	77.0	2.5	1.0	2.0	30.0 (1~1720MHz) 27.0 (1720~1880MHz) 20.0 (2170~2200MHz)	5.0 x 3.8 x 2.0	
MP8C2017F15QCA	2017.5	15.0	2.0	1.0	1.5	45.0 (1960~1980MHz) 15.0 (1980~1990MHz) 15.0 (2045~2100MHz) 35.0 (2100~2690MHz)	52.0 x 17.0 x 15.0	W-CDMA
MF41A1900540DCA	1900.0	20.0	3.0	1.0	1.8	30.0 (fo ± 250MHz)	11.4 x 5.9 x 3.2	
MF3A1950S60FCA	1950.0	fo ± 30.0	2.5	1.0	1.5	40.0 (fo + 160MHz)	11.5 x 6.0 x 3.9	
MF3A2140S60FCA	2140.0	fo ± 30.0	2.5	1.0	1.5	40.0 (fo - 160MHz)	11.5 x 6.0 x 3.9	China CDMA
MP8C2140F160HCA	2140.0	160.0	3.0	1.0	1.5	60.0 (1350~1410MHz) 60.0 (1730~1790MHz) 45.0 (1920~2010MHz) 35.0 (2270~2500MHz) 15.0 (4588~4708MHz)	33.4 x 11.5 x 6.2	
MF3A830S10FCA	830.0	fo ± 5.0	3.5	1.0	2.0	28.0 (fo ± 40MHz)	12.0 x 9.0 x 4.0	GSM
MP4A830S10DCB	830.0	fo ± 5.0	3.5	1.0	1.5	40.0 (fo ± 40MHz)	13.0 x 12.0 x 5.0	
MF3A875S10FCA	875.0	fo ± 5.0	3.5	1.0	2.0	28.0 (fo ± 40MHz)	12.0 x 9.0 x 4.0	
MP4A875S10DCB	875.0	fo ± 5.0	3.5	1.0	1.5	40.0 (fo ± 40MHz)	13.0 x 12.0 x 5.0	
MF6A900F40PCA	897.5	35.0	2.5	1.0	1.5	12.0 (fo - 27.5MHz) 30.0 (fo + 27.5MHz)	40.8 x 9.2 x 11.4	DCS
MF5B902F25KCA	902.5	fo ± 12.5	2.0	1.0	1.5	40.0 (fo + 32.5MHz)	30.0 x 8.3 x 6.5	
MF4B947F25KCA	947.5	fo ± 12.5	2.0	1.0	1.5	40.0 (fo - 32.5MHz)	25.0 x 8.3 x 6.5	
MF3A1747S75BCA	1747.5	fo ± 37.5	3.0	1.0	1.8	25.0 (fo + 132.5MHz)	5.7 x 4.4 x 2.0	DCS
MF5B1747F75FCA	1747.5	fo ± 37.5	3.0	1.0	1.8	20.0 (fo + 57.5MHz)	13.5 x 6.5 x 4.0	
MF3A1842S75BCA	1842.5	fo ± 37.5	3.0	1.0	1.8	30.0 (fo - 132.5MHz)	5.7 x 4.4 x 2.0	
MF5B1842F75FCA	1842.5	fo ± 37.5	3.0	1.0	1.8	25.0 (fo - 57.5MHz)	13.5 x 6.5 x 4.0	

- For other frequencies or specifications, please consult with our sales representatives for details.



### ● Electrical Characteristics (continued from the preceding page)

Part Number	Center Frequency fo (MHz)	Bandwidth (MHz)	Insertion Loss (dB max.)	Ripple (dB max.)	VSWR max.	Stop Band Attenuation (dB min.)	Dimension W x L x H (mm max.)	Application
MF2A1575F04BCA	1575.42	4.0	3.65	0.5	1.5	32.5 (fo + 100MHz) 24.0 (fo - 100MHz)	3.9 x 5.1 x 1.9	GPS
MF2A1575S04BCB	1575.42	4.0	3.8	1.0	1.5	17.0 (fo + 50MHz) 24.0 (fo - 50MHz)	4.4 x 4.8 x 1.8	
MF2A1575S04DCA	1575.42	4.0	3.5	1.0	1.5	18.0 (fo + 50MHz) 25.0 (fo - 50MHz) 45.0 (fo - 100MHz)	5.6 x 5.2 x 2.7	
MF3A1575F04DCA	1575.42	4.0	3.0	1.0	1.7	28.5 (fo ± 50MHz)	7.0 x 7.5 x 3.0	
MP4A1575S10FCA	1575.0	10.0	3.0	1.0	1.5	30.0 (fo ± 45MHz)	13.0 x 12.0 x 5.0	
MP6A1575F20HCA	1575.0	20.0	3.0	1.0	1.5	20.0 (fo ± 30MHz) 50.0 (fo ± 50MHz)	22.9 x 10.9 x 5.7	
MP8A1615F30NCA	1615.0	30.0	3.0	1.0	1.5	60.0 (fo ± 45MHz)	33.4 x 11.5 x 9.0	
MF3A1616FS10FCA	1616.0	10.0	2.6	0.5	1.5	45.0 (fo ± 250MHz)	11.8 x 10.5 x 3.9	
MF3A2492S10FCA	2492.0	10.0	0.7	0.5	1.5	60.0 (fo - 876MHz)	12.5 x 10.0 x 5.0	
MC4A3420S40FCA	3420.0	fo ± 20.0	2.5	0.5	1.5	35.0 (fo ± 100MHz)	15.0 x 5.7 x 4.5	
MC4A3520S40FCA	3520.0	fo ± 20.0	2.5	0.5	1.5	35.0 (fo ± 100MHz)	15.0 x 5.7 x 4.5	
MF3A3462S27DCA	3462.5	fo ± 13.5	3.0	1.0	1.5	15.0 (fo ± 86MHz)	8.3 x 7.5 x 3.0	
MF3A3562S27DCA	3562.5	fo ± 13.5	3.0	1.0	1.5	15.0 (fo ± 86MHz)	8.3 x 7.2 x 3.0	
MF3A3450S100DCA	3450.0	fo ± 50.0	2.3	1.0	1.5	12.0 (fo + 150MHz)	8.3 x 4.5 x 3.0	
MF3A3550S100DCA	3550.0	fo ± 50.0	2.3	1.0	1.5	12.0 (fo - 150MHz)	8.3 x 4.5 x 3.0	
MF3B3550F100DCA	3550.0	100.0	2.0	1.0	1.5	20.0 (3340~3440MHz) 25.0 (3185~3290MHz) 6.0 (7000~7200MHz)	6.7 x 4.4 x 3.0	WiMAX
MF3A2550F140DCA	2550.0	140.0	2.0	1.0	1.5	30.0 (DC~2280MHz) 20.0 (2280~2439MHz) 8.0 (2760~3600MHz)	6.7 x 5.0 x 3.0	
MP8C1237F82NCA	1237.0	82.0	2.5	0.5	1.5	3.0 (fo ± 57MHz) 40.0 (fo ± 140MHz)	33.4 x 11.5 x 9.0	Other
MP8C1567F20NCA	1567.0	20.0	2.5	0.5	1.5	3.0 (fo ± 17.5MHz) 40.0 (fo ± 60MHz)	33.4 x 11.5 x 9.0	

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