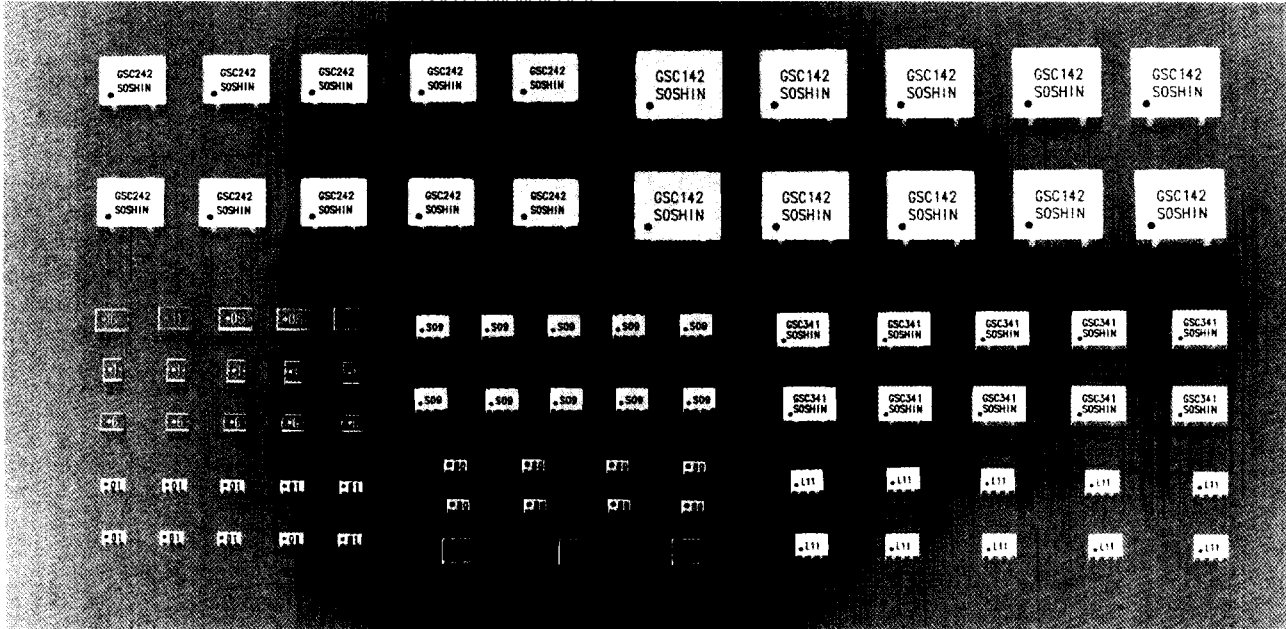
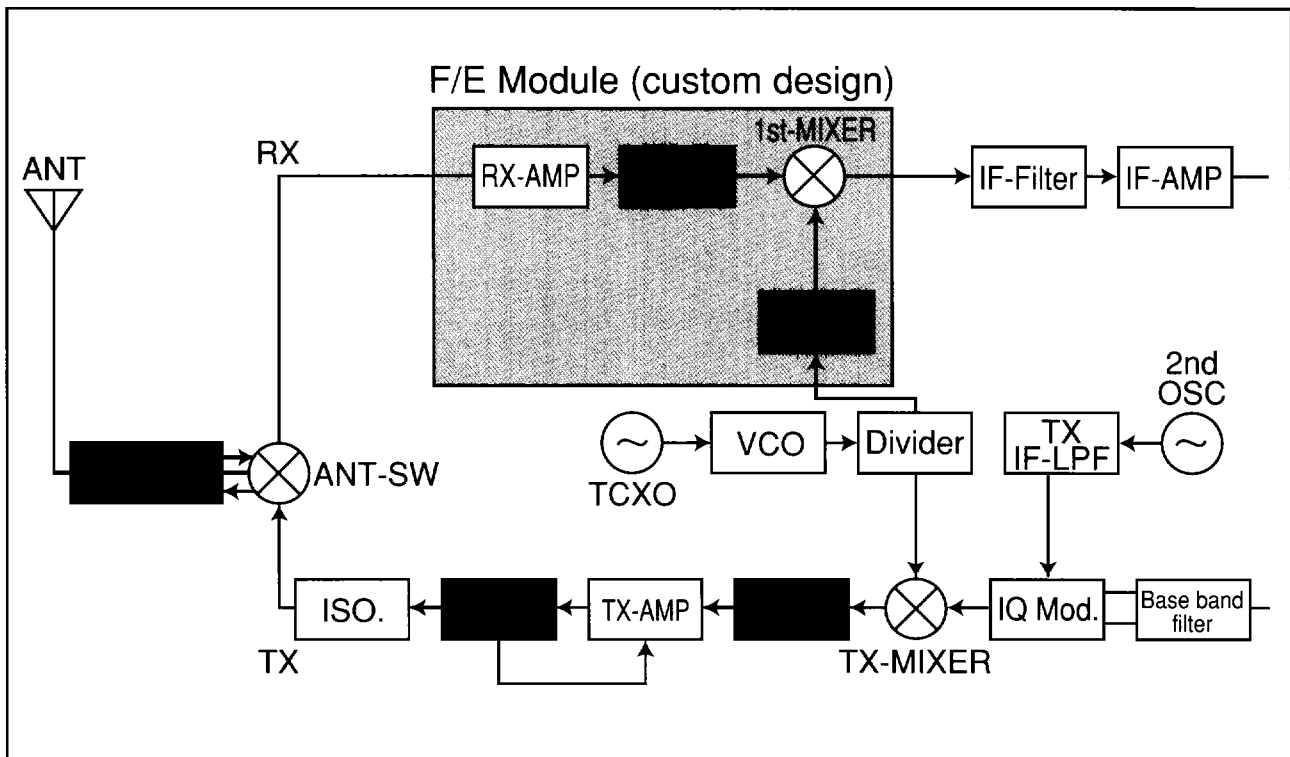


MULTILAYERED FILTERS(SMD)

- * Multilayered filters with compact and high-performance (low-loss & high-attenuation) due to our original material technology and manufacturing method
- * Various frequency and application are available with 3 types construction (MULTILAYERED DIELECTRIC TYPE, MULTILAYERED LC TYPE & PRINTED TYPE)
- * Custom design is also available
- * All items are SMD

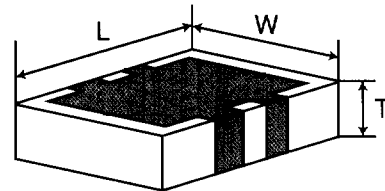


Application (Block Diagram of Cellular Phone & Cordless Phone)



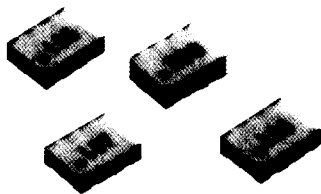
MULTILAYERED FILTERS(SMD)

MDR series (Multilayered Dielectric Type)



Type	Application		Frequency (MHz)	I.L. (dBmax.)	Attenuation (dB min.)	Dimensions (mm)		
						L	W	T
MDR605C	DECT	TOP-BPF	1880-1900	1.0	28 (1660-1680MHz)	3.2	2.5	1.8
MDR017B	DECT	RX-BPF	1880-1900	2.5	50 (1655-1675)	3.2	4.5	2.2
MDR617E	DECT	RX-BPF	1880-1900	2.5	42 (1655-1675)	2.5	3.2	1.8
MDR018B	DECT	TX-BPF	1880-1900	3.5	30 (1640-1660)	3.2	4.5	2.2
MDR620B	DECT	LO.-BPF	1760-1790	2.5	20 (1880-1900)	2.5	3.2	2.2
MDR026B	PCS	TX-BPF	1850-1910	2.4	25 (1520-1592)	3.2	4.5	2.0
MDR027B	PCS	LO.-BPF	1661-1721	2.5	25 (1960)	3.2	4.5	2.2
MDR028B	PCS	RX-BPF	1930-1990	2.0	25 (1661-1721)	3.2	4.5	2.2
MDR029B	PCS	RX-BPF	1930-1990	3.0	40 (1661-1721)	3.2	4.5	2.2
MDR601C	PHS	TOP-BPF	1893-1919	1.2	35 (1420)	3.2	2.5	1.8
MDR001B2	PHS	TOP-BPF	1893-1919	1.0	40 (1420)	3.2	4.5	2.2
MDR004B	PHS	TOP-BPF	1893-1919	1.0	40 (1420)	3.2	4.5	2.0
MDR008B	PHS	TOP-BPF	1893-1919	1.0	45 (1420)	3.2	4.5	2.0
MDR602C	PHS	RX-BPF	1893-1919	1.8	28 (1660)	3.2	2.5	1.8
MDR002B	PHS	RX-BPF	1893-1919	1.7	28 (1660)	3.2	4.5	2.3
MDR006B	PHS	TX-BPF	1893-1919	2.5	50 (1660)	3.2	4.5	2.2
MDR606E	PHS	TX-BPF	1893-1919	3.0	40 (1660)	2.5	3.2	1.8
MDR603C	PHS	LO.-BPF	1645-1676	2.5	28 (1907)	3.2	2.5	1.8
MDR003B	PHS	LO.-BPF	1645-1676	2.5	22 (1907)	3.2	4.5	2.2
MDR624C	Wireless LAN	RF	2400-2500	2.0	25 (2100)	3.2	2.5	1.8
MDR024B	Wireless LAN	RF	2400-2500	2.5	35 (2100)	3.2	4.5	2.2
MDR010B	PDC1.5	TX-BPF	1429-1453	2.7	38 (1607)	3.2	4.5	2.2
MDR011B	PDC1.5	RX-BPF	1477-1501	3.5	25 (1607)	3.2	4.5	2.2
MDR619E	PDC1.5	LO.-BPF	1607-1631	2.5	24 (1477-1501)	2.5	3.2	1.8
MDR009B	PDC1.5	LO.-BPF	1607-1631	2.5	14 (1501)	3.2	4.5	2.2

GSF series (Multilayered LC Type)



Type	Application	Frequency (MHz)	I.L. (dB max)	Att (dB min)	V.S.W.R (max)	Dimensions (mm)		
						L	W	T
GSF741-LPF0960	PDC	800~960	0.35	20 (2f)	1.5	3.2	1.6	1.7
GSF742-LPF1500	PDC	1429~1501	0.35	20 (2f)	1.5	3.2	1.6	1.7
GSF743-LPF2200	PCS/PHS	1800~2200	0.5	20 (2f)	1.5	3.2	1.6	1.7
GSF507-LPF0960	GSM,PDC	850~960	0.7	30 (2f)	1.7	4.5	3.2	2
GSF511-LPF0870	PDC	800~870	0.7	30 (2f)	1.7	4.5	3.2	2
GSF506-LPF1550	PDC,Tx-LPF	1429~1550	0.7	30 (2f)	1.7	4.5	3.2	2
GSF505-LPF1990	PCS,Tx-LPF	1710~1990	0.7	30 (2f)	1.7	4.5	3.2	2
GSF515-SEP0919	AMPS/PCS for dualband	L:800~960	0.7	18	1.5	4.5	3.2	1.4
		H:1850~1990	0.7	18	1.5			

GLP series (Printed Type)



Type	Application	Frequency (MHz)	I.L. (dB max)	Att (dB min)	V.S.W.R (max)	Dimensions (mm)		
						L	W	T
GLP12-178M	Tx-IF-LPF	178	1	25 (2f)	1.7	5.4	3.5	1.5
GLP13-130M	Tx-IF-LPF	130	1	25 (2f)	1.5	5.4	3.5	1.5
GLP1-240M	Tx-IF-LPF	240~250	1	28 (2f)	1.5	4.8	3.5	1.5