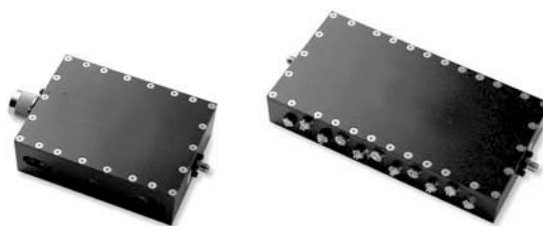


[FEATURES]

- Application for Base Stations, Repeaters
- Low Insertion Loss
- High Attenuation
- Custom Design and Development is available



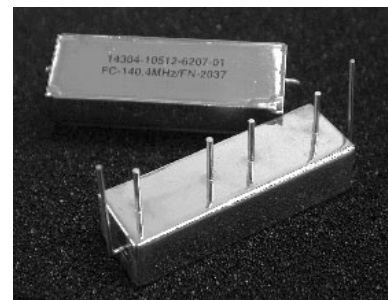
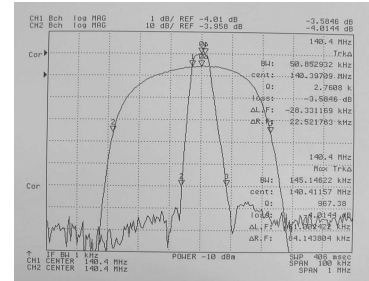
	Model	Frequency Range (MHz)	Operating Bandwidth (MHz)	Insertion Loss (max., dB)	Return Loss (min., dB)	Ripple (max., dB)	Attenuation (min., dBc) @ $f_c \pm 20\text{MHz}$	Input Power (W)	Operating temp.	Dimension (mm)
Cellular	RHF-840R10A	835~845	10	-1.2	-20	0.5	20 (fc±10MHz)	20	-20℃~+60℃	155.5x80.0x27.0
	RHF-836R25A	824~849	25	-0.2	-20	-0.1	12 (fc±32.5MHz)	20	-20℃~+60℃	155.5x80.0x27.0
GSM	RHF-935-25A	935~960	25	1.0	20	0.3	30 (fc±40MHz)	200	-30℃~+60℃	142.0x96.0x62.0
	RHF-897.2R GSM	897.2~915	17.8	-1.0~-1.2	-18~-20	0.3~0.5	-20 ~ -35 (fc +11.9MHz, fc-12.1MHz)		-20℃~+60℃	188.0x96.0x61.0
	RHDUP-890-25A	890~915	25	1.0	20	0.3	30 (fc±40MHz)	200	-30℃~+60℃	142.0x96.0x62.0

	Model	Frequency Range (MHz)	Insertion loss (max., dB)	Ripple (max., dB)	Return Loss (min., dB)	Group Delay Variation (max.)	Attenuation (min., dBc)			Operation Temperature (Baseplate Temp.)	Dimension (mm)
							@fc±20MHz	@fc±30MHz	RX & TX rejection		
IMT-2000	RHF-1950R20	1940~1960	-0.6	-0.2	17	17 nS @ 25℃, 18 nS (max.)	-30	-50	-80	0℃~+50℃	246.5x44.0x43.0
	RHU-2140T20	2130~2150	-0.8	-0.15	17	17 nS @ 25℃, 18 nS (max.)	-30	-50	-80	0℃~+50℃	176.0x85.0x69.0
	RHU-1950R20	1940~1960	40±1.0	-0.2	17	17 nS @ 25℃, 18 nS (max.)	-30	-50	-90	0℃~+50℃	412.0x140.0x63.0
	RHF-2140T20	2130~2150	-0.7	-0.15	17	17 nS @ 25℃, 18 nS (max.)	-30	-50	-80	0℃~+50℃	155.0x74.5x43.0
	RHU-1920R60A DUAL	1920~1980		-0.2	17	17nS@25℃, 18nS (max.)	-30	-50	-90	0℃~+50℃	107.0x279.0x63.0
WLL	RHF-2315R10A	2310~2320	0.8	0.2	17	17 nS @ 25℃, 18 nS (max.)	-9 @ 25℃, -8dBc (min.)	-16	-90/-70	0℃~+50℃	134.5x67.0x48.0
	RHF-2385R10A	2380~2390		0.15							
	RHU-2315R10A	2310~2320	36 ±1.0	0.2	17	17 nS @ 25℃, 18 nS (max.)	-8 @ 25℃, -7dBc (min.)	-16	-75/-95	0℃~+50℃	343.9x144.5x63.0
	RHF-2385T10A	2380~2390	1.0	0.15	17	17 nS @ 25℃, 18 nS (max.)	-9 @ 25℃, -8dBc (min.)	-16	-90/-70	0℃~+50℃	358.5x79.4x75.0

CRYSTAL FILTERS

[SPECIFICATIONS]

Parameter	CRYSTAL FILTERS
Frequency Range	10KHz to 600MHz
Bandwidth range	0.0005 to 1% of center frequency
Standard Frequencies	455KHz, 1MHz, 10.7MHz, 21.4MHz, 45MHz, 70MHz, 140MHz and 150MHz
Types	Band pass and band reject(Notch)
Transfer functions	Butterworth, Chebychev, Gaussian, Bessel, and Elliptic
Poles	1 to 22
Common Applications	IF clean-up, For mixer suppression
Package	SMD, Through-hole, SMA, BNC, N type or custom



LC FILTERS

[SPECIFICATIONS]

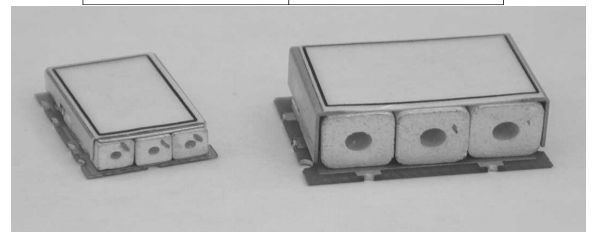
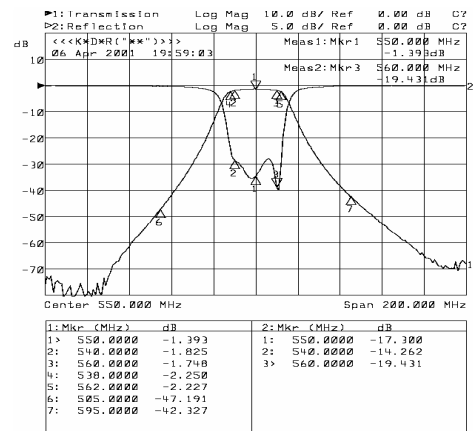
Parameter	LC FILTERS
Frequency Range	DC(EMI) to 2GHz
Bandwidth range	2% and above
Standard Frequencies	455KHz, 1MHz, 5MHz, 10.7MHz, 21.4MHz, 45MHz, 70MHz, 140MHz and 150MHz
Types	Band pass, Low pass, High pass, band reject(Notch), Multiplexer, and Tunable
Transfer functions	Butterworth, Chebychev, Gaussian, Bessel, and Elliptic
Poles	1 to 22
Common Applications	IF clean-up, anti-aliasing, signal clean-up
Package	SMD, Through-hole, SMA, BNC, N type or custom



CERAMIC FILTERS

[SPECIFICATIONS]

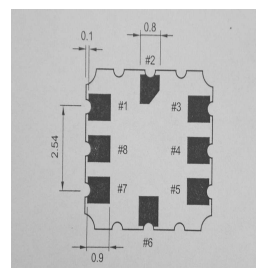
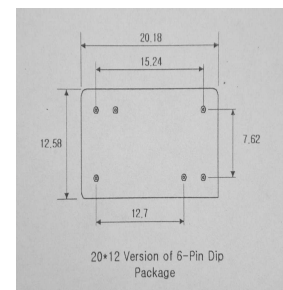
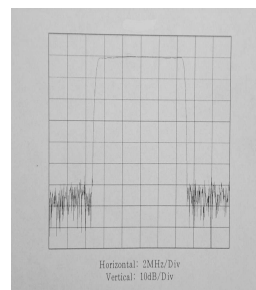
Parameter	CERAMIC FILTERS
Frequency Range	350MHz to 4GHz
Bandwidth range	1 to 30% of center frequency
Standard Frequencies	350MHz, 800 to 1000MHz, GPS, 2.4 to 2.5GHz
Types	Band pass, Low pass, High pass, band reject (Notch), Multiplexer, and Tunable
Transfer functions	Chebyshev, Gaussian and pseudo-Elliptic
Poles	2 to 12
Common Applications	Front-end filtering; cellular, GPS, Bluetooth
Package	SMD and custom



SAW FILTERS

[SPECIFICATIONS]

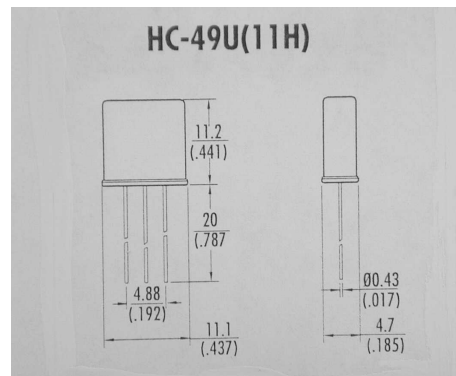
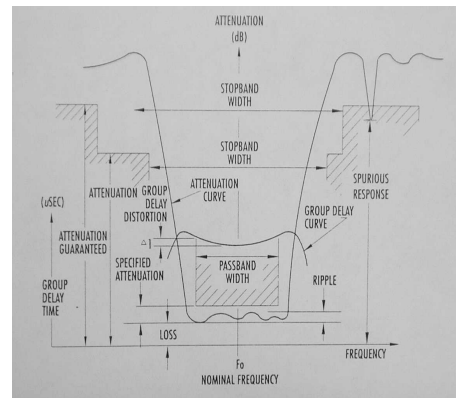
Parameter	SAW FILTERS
Frequency Range	30MHz to 2.5GHz
Bandwidth range	0.1 to 67% of center frequency
Standard Frequencies	70, 115, 130, 140, 150, 160, 450, and 930 MHz.
Types	Band pass and Delay line
Common Applications	RF, IF, Cordless phone, Pager, CDMA Cellular, CDMA PCS, GSM, IMT2000, WLL, WLAN, CATV and Bluetooth
Package	SMD and Though-hole



MONOLITHIC FILTERS

[SPECIFICATIONS]

Parameter	MONOLITHIC FILTER
Frequency Range	10.7MHz to 70MHz
Channel spacing	12.5, 20, 25, and 50KHz
Standard Frequencies	10.7, 21.4, 45 and 70MHz
Types	Band pass
Transfer functions	Chebyshev
Poles	2 to 10
Common Applications	IF clean-up, For mixer suppression
Package	SMD, UM1, HC49, Through-hole or custom



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