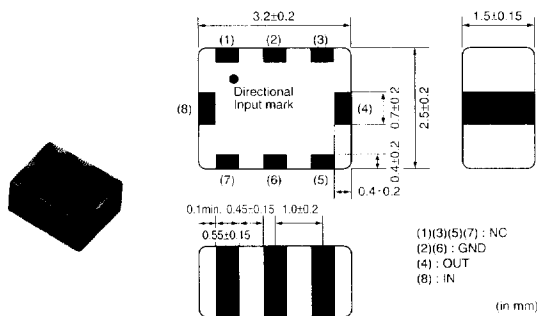


# Filters for Communication Equipment

## for RF/Local

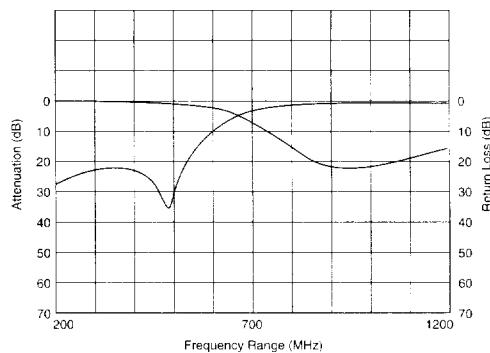
Chip Multilayer LC Filters (HPF)

### ● LFH32\_RA Series (1210)



Terminal of "NC" should not be fixed to any pattern.  
All the technical data and information contained herein are subject to change without prior notice.

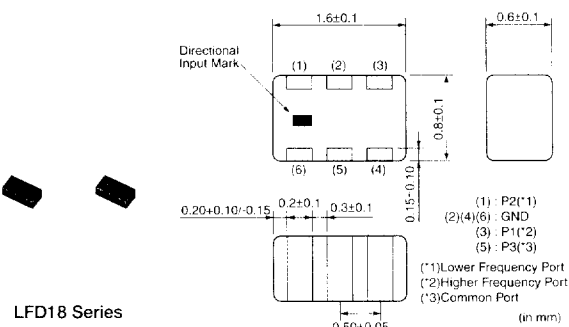
### Frequency Characteristics



Part Number	Nominal Center Frequency (fo) (MHz)	Bandwidth (BW) (MHz)	Insertion Loss in BW (dB)	Attenuation (Absolute Value) I (dB)	Attenuation (Absolute Value) II (dB)
LFH32942MRA1A517	942.5	fo±17.5	0.5 max. (at 25°C)	4.5 min. at 480~600MHz	25.0 min. at 480MHz

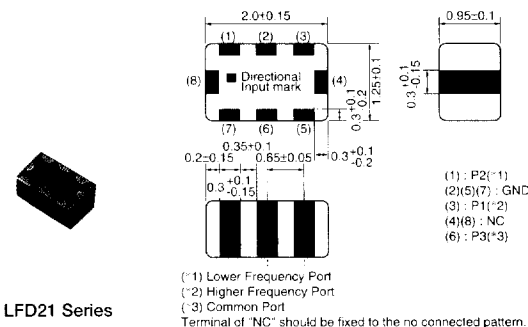
## for RF/Local

Chip Multilayer Dplexers



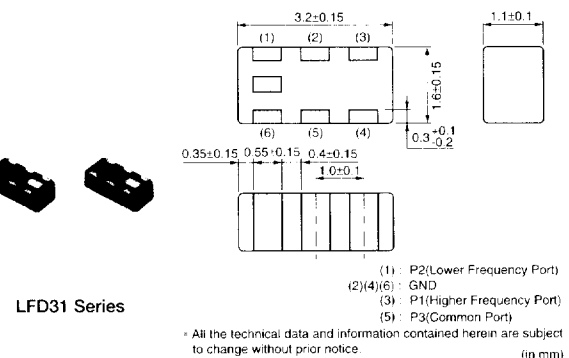
LFD18 Series

All the technical data and information contained herein are subject to change without prior notice.



LFD21 Series

All the technical data and information contained herein are subject to change without prior notice.



LFD31 Series

All the technical data and information contained herein are subject to change without prior notice.

Part Number	Frequency Range[P1](f1) (MHz)	Frequency Range[P2](f2) (MHz)	Insertion Loss [P1-P3](in f1) (dB)	Insertion Loss [P2-P3](in f2) (dB)	Attenuation [P1-P3](in f2) (dB)	Attenuation [P2-P3](in f1) (dB)
LFD18859MDP1A102	1920.0 ±70.0MHz	859.0 ±35.0MHz	0.45 max. (at 25°C)	0.40 max. (at 25°C)	19.0 min.	20.0 min.
LFD21859MDP1A049	1920.0 ±70.0MHz	859.0 ±35.0MHz	0.45 max. (at 25°C)	0.40 max. (at 25°C)	19.0 min.	20.0 min.
LFD21884MDP1A062	1906.5 ±13.0MHz	884.0 ±74.0MHz	0.45 max. (at 25°C)	0.50 max. (at 25°C)	20.0 min.	20.0 min.
LFD21920MDP1A048	1795.0 ±85.0MHz	920.0 ±40.0MHz	0.55 max. (at 25°C)	0.50 max. (at 25°C)	20.0 min.	16.0 min.
LFD31859MDP1A009	1920.0 ±70.0MHz	859.0 ±35.0MHz	0.45 max. (at 25°C)	0.40 max. (at 25°C)	20.0 min.	20.0 min.

Continued on the following page.

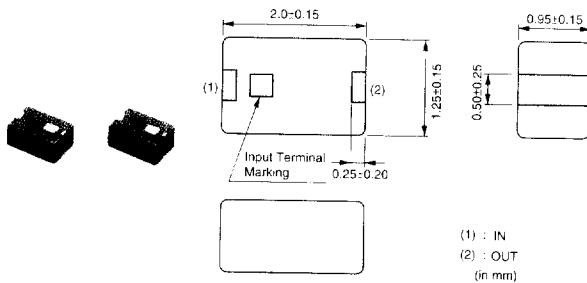
# Filters for Communication Equipment

Continued from the preceding page.

Part Number	Frequency Range[P1](f1) (MHz)	Frequency Range[P2](f2) (MHz)	Insertion Loss [P1-P3](in f1) (dB)	Insertion Loss [P2-P3](in f2) (dB)	Attenuation [P1-P3](in f2) (dB)	Attenuation [P2-P3](in f1) (dB)
LFD31884MDP1A030	1906.5 ±13.0MHz	884.0 ±74.0MHz	0.45 max. (at 25°C)	0.50 max. (at 25°C)	19.0 min.	19.0 min.
LFD31897MDP1A010	1810.0 ±100.0MHz	897.5 ±17.5MHz	0.6 max. (at 25°C)	0.5 max. (at 25°C)	20.0 min.	17.0 min.
LFD31920MDP1A003	1795.0 ±85.0MHz	920.0 ±40.0MHz	0.55 max. (at 25°C)	0.50 max. (at 25°C)	20.0 min.	16.0 min.
LFD31920MDP1A040	1850.0 ±140.0MHz	920.0 ±40.0MHz	0.65 max. (at 25°C)	0.50 max. (at 25°C)	20.0 min.	15.0 min.
LFD31993MDP1A032	2072.34 ±30.0MHz	993.84 ±12.5MHz	0.4 max. (at 25°C)	0.4 max. (at 25°C)	20.0 min.	20.0 min.

## for RF/Local

Chip Multilayer LC Filters (Trap)

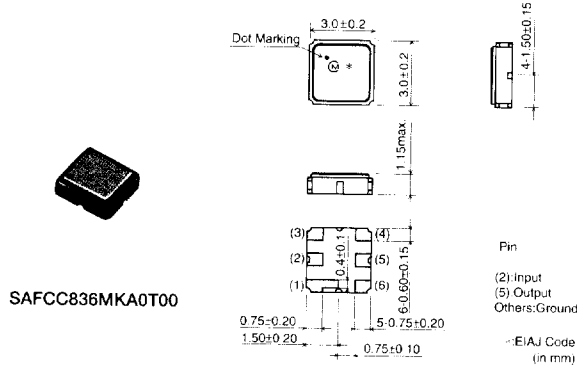


Part Number	Center Frequency of Rejection Band (MHz)	Pass Bandwidth(BW) (MHz)	Insertion Loss in BW (dB)	Attenuation (Absolute Value) (dB)
LFE21560MFA1A004	560.0	810~885	0.7 max. (at 25°C)	10.0 min. at 550~570MHz

## for RF/Local

SAW Filters

### ● AMPS/ADC



SAFCC836MKA0T00

Part Number	Center Frequency (MHz)	Insertion Loss(dB min.) (dB)	Ripple(dB max.)	VSWR	Input/Output Impedance
SAFCC836MKA0T00	836.5	3.5 max.(824MHz~849MHz)	2.0(824MHz~849MHz)	2.0(824MHz~849MHz)	50ohm
SAFCE836MAM0T00	836.5	3.8 max.(824MHz~849MHz)	1.8(824MHz~849MHz)	2.0(824MHz~849MHz)	50ohm
SAFCE881MAM0T00	881.5	3.5 max.(869MHz~894MHz)	1.5(869MHz~894MHz)	2.0(869MHz~894MHz)	50ohm

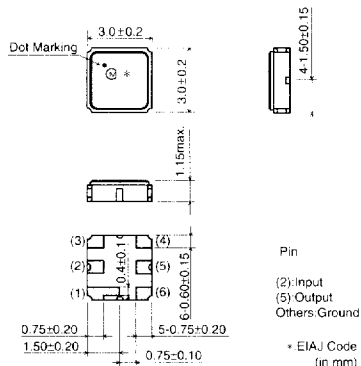
Continued on the following page.

# Filters for Communication Equipment

Continued from the preceding page.

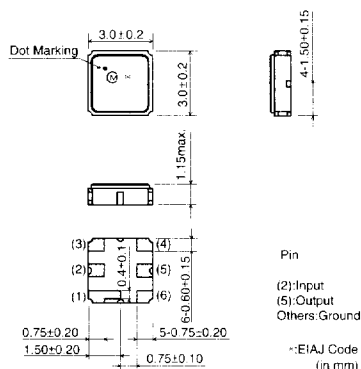
Part Number	Center Frequency (MHz)	Insertion Loss(dB min.) (dB)	Ripple(dB max.)	VSWR	Input/Output Impedance
SAFSG881MAL0T00	881.5	3.5 max.(869MHz~894MHz)	2.0(869MHz~894MHz)	2.2(869MHz~894MHz)	50ohm

## ● DSC1800



Part Number	Center Frequency (MHz)	Insertion Loss(dB min.) (dB)	Ripple(dB max.)	VSWR	Input/Output Impedance
SAFCC1G74KA0T00	1747.5	4.2 max.(1710MHz~1785MHz)	2.6(1710MHz~1785MHz)	2.5(1710MHz~1785MHz)	50ohm
SAFCC1G84KA0T00	1842.5	4.2 max.(1805~1880MHz)	2.8(1805MHz~1880MHz)	2.8(1805MHz~1880MHz)	50ohm
SAFSE1G84KA0T00	1842.5	3.2 max.(1805~1880MHz)	2.2(1805MHz~1880MHz)	2.8(1805MHz~1880MHz)	50ohm

## ● GSM



Part Number	Center Frequency (MHz)	Insertion Loss(dB min.) (dB)	Ripple(dB max.)	VSWR	Input/Output Impedance
SAFCC897MKA0T00	897.5	3.2 max.(880MHz~915MHz)	1.8(880MHz~915MHz)	2.2(880MHz~915MHz)	50ohm
SAFCC942MAM0T00	942.5	4.2 max.(925MHz~960MHz)	2.5(925MHz~960MHz)	2.4(925MHz~960MHz)	50ohm
SAFCC942MCM0T00	942.5	4.2 max.(925MHz~960MHz)	2.4(925MHz~960MHz)	2.6(925MHz~960MHz)	50ohm
SAFCC942MFN0T00	942.5	3.5 max.(925MHz~960MHz)	2.0(925MHz~960MHz)	2.3(925MHz~960MHz)	50ohm
SAFCE902MAM0T00	902.5	3.5 max.(890MHz~915MHz)	1.5(890MHz~915MHz)	2.1(890MHz~915MHz)	50ohm
SAFCE947MAM0T00	947.5	3.5 max.(935MHz~960MHz)	1.5(935MHz~960MHz)	2.3(935MHz~960MHz)	50ohm