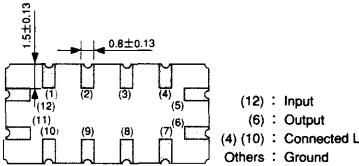
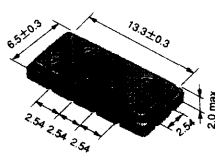


## SAW FILTERS

■ For GSM:  
First IF Filters  
(SC713 Package)

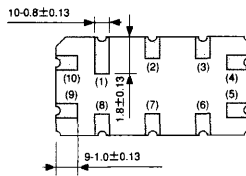
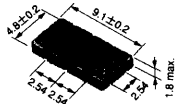
SAFC71.0MC50T



(in mm)

SAFC246.000ME30X

**NEW**



(in mm)

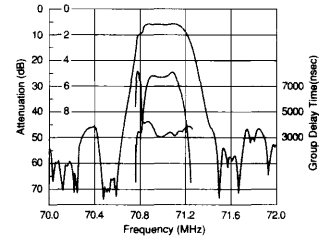
Part Number	SAF(C) 71.0MC50T
Nominal Center Frequency (fo) (MHz)	71.0
3dB Bandwidth (from fo) (kHz)	±70 min.
Stop Band Attenuation (from minimum loss point) (dB)	
i) at fo±400kHz	15 min.
ii) at fo±600kHz	30 min.
iii) within fo±800kHz—fo±2MHz	30 min.
iv) within fo±2MHz—fo±3MHz	35 min.
Insertion Loss (at fo) (dB)	7.0 max.
Ripple (fo±70kHz) (dB)	2.5 max.
G.D.T. Ripple Deviation (fo±70kHz) (μ sec.)	2 max.
Input/Output Impedance (Nominal)	910 Ω//—7.2pF

(Operating Temperature Range: -20°C to +70°C)

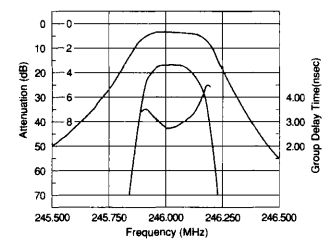
■ Minimum Quantity (order in sets only)  
500 pcs./reel (Taping)

■ Frequency Characteristics

SAFC71.0MC50T



SAFC246.000ME30X

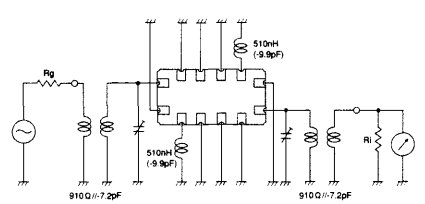


Part Number	SAFC246.000MC30X
Nominal Center Frequency (fo) (MHz)	246.000
3dB Bandwidth (from fo) (kHz)	±80 min.
Stop Band Attenuation (from Peak Level) (dB)	
i) at fo±400kHz	25 min.
ii) at fo±600kHz	40 min.
iii) at fo±800kHz	45 min.
iv) at fo±1.6MHz	40 min.
v) at fo±3MHz	40 min.
Insertion Loss (at fo) (dB)	5.0 max.
Ripple (within fo±80kHz) (dB)	1.0 max.
Group Delay Time Deviation (within fo±80kHz) (μ sec.)	2.5 max.
Input/Output Impedance (Nominal)	420 Ω//—3.6pF

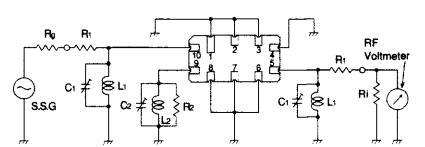
(Operating Temperature Range: -20°C to +85°C)

■ Test Circuit

SAFC71.0MC50T

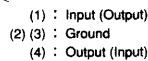
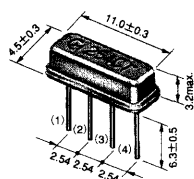


SAFC246.000ME30X



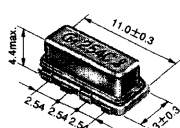
■ For Small Electric  
Power Cordless Phones:  
RF Filters  
(F11 Package)

SAF254MC10T



(SP511 Package)

SAFP254MC10T



(in mm)

Part Number	SAF254MC10T SAFP254MC10T
Nominal Center Frequency (fo) (MHz)	254.4
Insertion Loss (dB)	
i) 253.850—254.975MHz	3.0 max.
ii) 209.850—212.975MHz	60 min.
iii) 295.850—298.975MHz	60 min.
Ripple Deviation (253.850—254.975MHz) (dB)	1.5 max.
Input/Output Impedance (Nominal)	50 Ω//0pF

(Operating Temperature Range: -10°C to +60°C)

Part Number	SAF380MC10T SAFP380MC10T
Nominal Center Frequency (fo) (MHz)	380.8
Insertion Loss (dB)	
i) 380.200—381.325MHz	3.0 max.
ii) 336.200—339.325MHz	60 min.
iii) 422.200—425.325MHz	60 min.
Ripple Deviation (380.200—381.325MHz) (dB)	1.5 max.
Input/Output Impedance (Nominal)	50 Ω//0pF

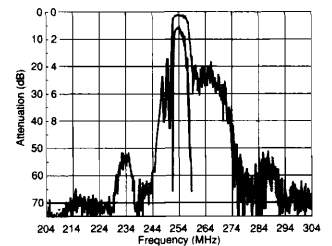
(Operating Temperature Range: -10°C to +60°C)

• SAFP type filters are for automatic insertion (reflow soldering/ washable type).

■ Minimum Quantity (order in sets only)  
SMD: 500 pcs./reel (Taping)

■ Frequency Characteristics

SAFP254MC10T



SAFP380MC10T

