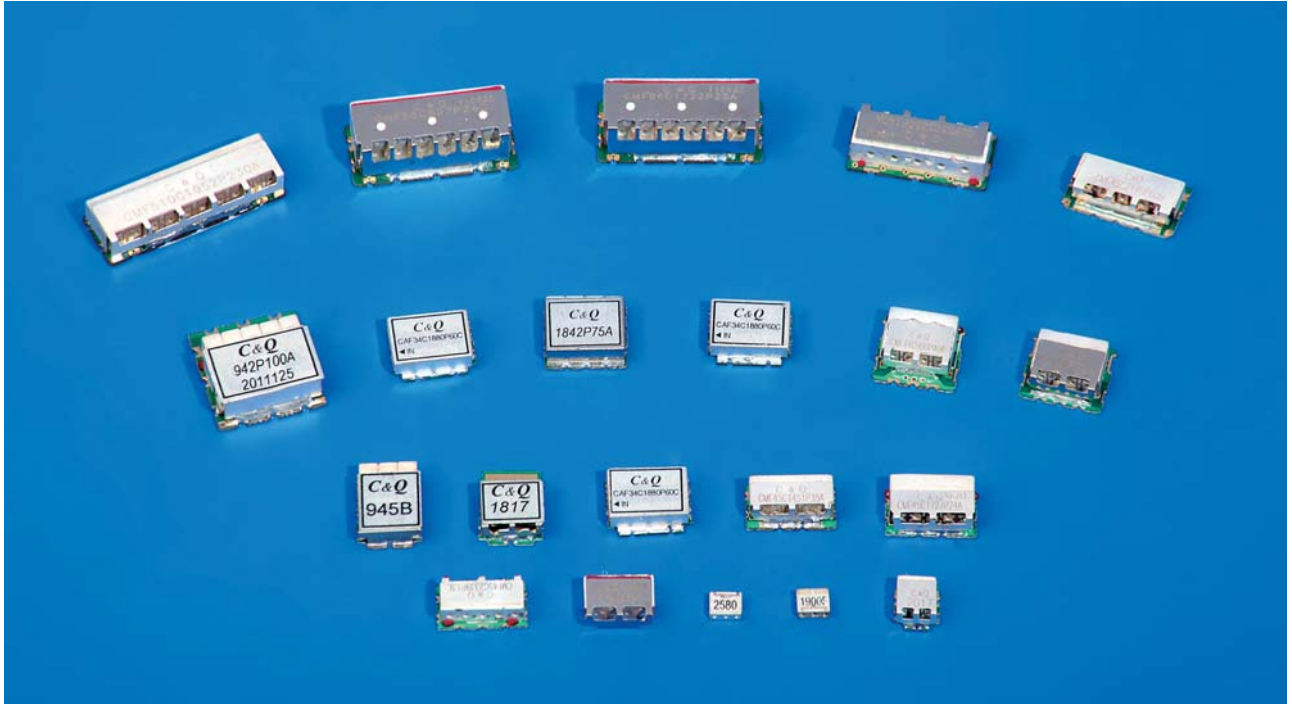
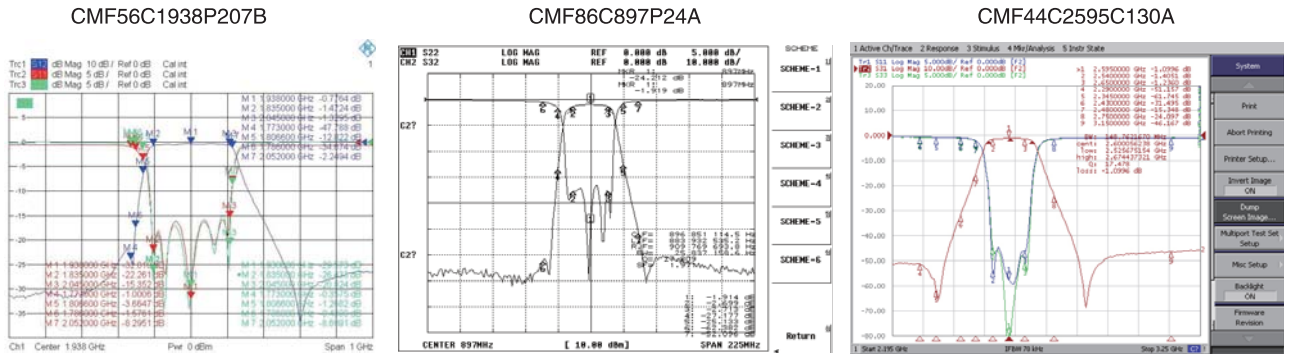


Dielectric Filter

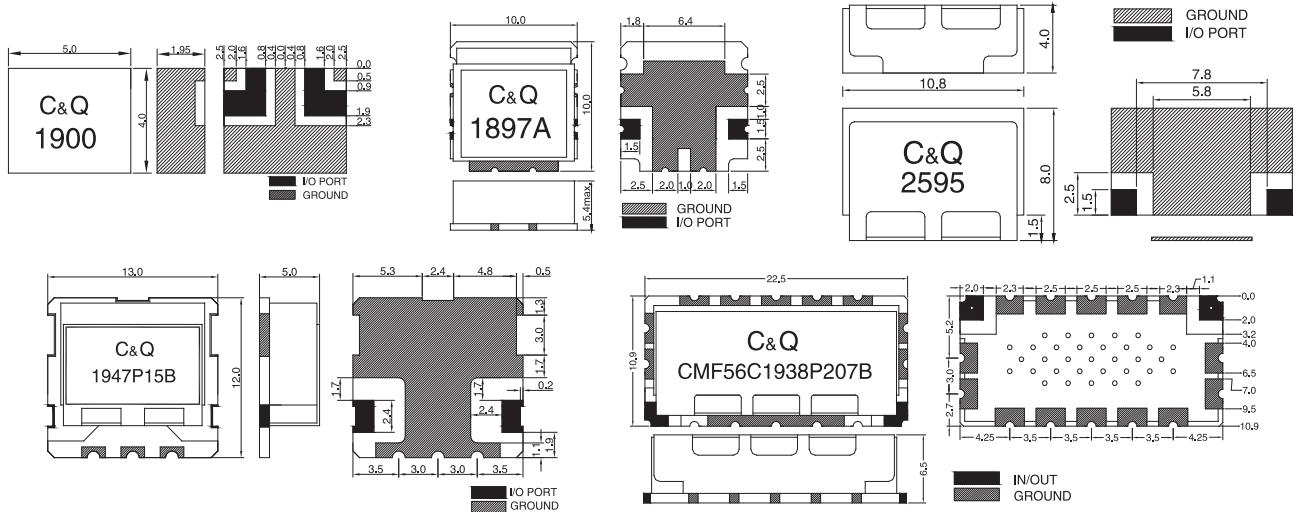
- For wireless communication equipment such as base station, repeater etc.
-适用于基站、直放站等无线通信设备。



Typical Characteristic (波形特性)



Dimension (尺寸) (Unit:mm)



Dielectric Filter

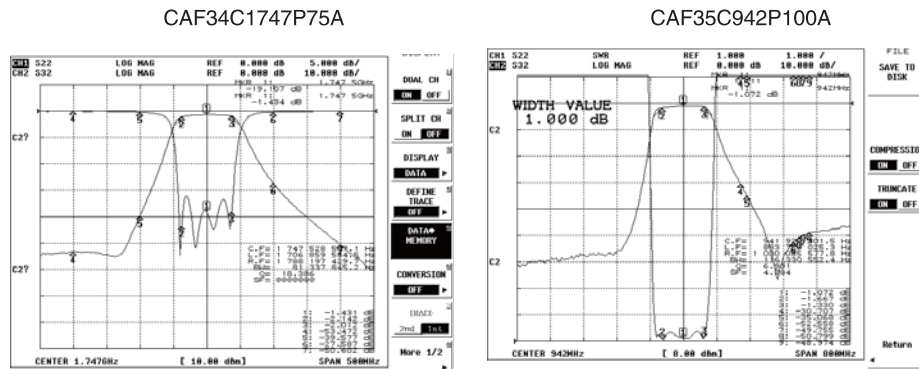
- For wireless communication equipment such as base station, repeater etc.
-适用于基站、直放站等无线通信设备。

◆ Principal Parameters(主要参数)

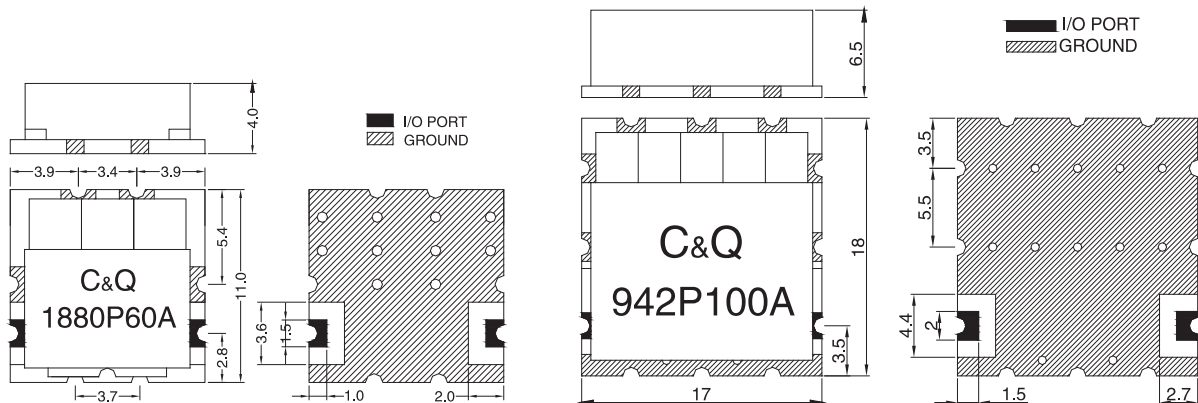
Part No. 型号	Center Frequency (MHz) 中心频率(fo)	Band Width (MHz) min. 带宽	Insertion Loss (dB) max. 插入损耗	Ripple in BW (dB) max. 带内波动	V.S.W.R max 驻波比	Attenuation (dB) min. (MHz) 衰减	Dimension W × H × L(max.) (mm) 尺寸	Application 应用
CAF34C830P10A	830.0	fo ± 5	3.0	0.8	1.5	30 at fo ± 50	13.0 × 4.5 × 15.5	CDMA
CAF34C875P10A	875.0	fo ± 5	3.0	0.8	1.5	30 at fo ± 50	13.0 × 4.5 × 15.0	
CAF66C830P10A	830.0	fo ± 5	4.0	0.5	1.5	60 at fo ± 45	38.0 × 7.5 × 23.0	
CAF66C875P10A	875.0	fo ± 5	4.0	0.5	1.5	60 at fo ± 45	38.0 × 7.5 × 23.0	
CAF34C836P25A	836.5	fo ± 12.5	3.0	0.6	1.5	20 at fo+32.5	13.0 × 4.5 × 15.5	
CAF34C881P25A	881.5	fo ± 12.5	3.0	0.6	1.5	20 at fo-32.5	13.0 × 4.5 × 15.0	
CAF33C902P25A	902.5	fo ± 12.5	2.5	1.0	1.7	12 at fo ± 32.5	10.0 × 4.5 × 13.5	
CAF33C947P25A	947.5	fo ± 12.5	2.5	1.0	1.7	12 at fo ± 32.5	10.0 × 4.5 × 13.5	
CAF33C897P35A	897.5	fo ± 17.5	2.3	0.9	1.6	6 at fo ± 27.5	10.0 × 4.5 × 13.5	
CAF33C942P35A	942.5	fo ± 17.5	2.3	0.9	1.6	6 at fo ± 27.5	10.0 × 4.5 × 13.5	
CAF35C897P100A	897.0	fo ± 50.0	2.5	1.0	1.5	30 at fo ± 130	17.0 × 6.5 × 18.5	
CAF35C942P100A	942.0	fo ± 50.0	2.5	1.0	1.5	30 at fo ± 130	17.0 × 6.5 × 18.5	
CAF34C1747P75A	1747.5	fo ± 37.5	3.0	1.3	1.5	20 at fo ± 100	13.0 × 4.5 × 12.0	
CAF34C1842P75A	1842.5	fo ± 37.5	3.0	1.3	1.5	20 at fo ± 100	13.0 × 4.5 × 12.0	
CAF66C1747P75A	1747.5	fo ± 37.5	3.5	2.0	1.5	25 at fo ± 57.5	38.0 × 7.5 × 16.0	
CAF66C1842P75A	1842.5	fo ± 37.5	3.5	2.0	1.5	25 at fo ± 57.5	38.0 × 7.5 × 16.0	
CAF33C1880P60A	1880.0	fo ± 30	2.2	0.8	1.5	25 at fo ± 120	11.2 × 4.0 × 11.0	
CAF33C1960P60A	1960.0	fo ± 30	2.2	0.8	1.5	25 at fo ± 120	11.2 × 4.0 × 11.0	
CAF34C1880P60C	1880.0	fo ± 30	3.5	1.2	1.5	35 at fo ± 100	14.0 × 4.5 × 13.2	
CAF34C1960P60C	1960.0	fo ± 30	3.5	1.2	1.5	35 at fo ± 100	14.0 × 4.5 × 13.2	
CAF34C1950P60B	1950.0	fo ± 30	2.0	0.5	1.5	40 at fo ± 200	13.0 × 4.5 × 12.0	
CAF34C2140P60B	2140.0	fo ± 30	2.0	0.5	1.5	40 at fo ± 200	13.0 × 4.5 × 12.0	

Note: The data for reference only, Design it as customer's request. 以上参数仅作为参考，可根据用户要求设计。

Typical Characteristic (波形特性)



Dimension (尺寸) (Unit:mm)



Dielectric Filter\Duplexer\Multiplexer\Coupler

◆FEATURES

- Various Size & Wide Frequency
- Temperature Compensated
- Low Insertion Loss
- High frequency selectivity

◆特点

- 多种尺寸、频率范围广
- 温度补偿
- 低插损
- 高频率选择性

◆APPLICATIONS

- Base Station
- Repeater
- Cellular phone
- Cordless phone
- Trunked Radio System(TRS)
- PCS
- DECT
- Radar, Electronic counterwork
- Aviation and Spaceflight, Navigation
- Wireless LAN
- MMDS
- CDMA
- IMT-2000
- GSM
- DCS

◆应用

- 通信基站
- 通信转发器
- 蜂窝式电话
- 无绳电话
- 中继无线系统
- 个人移动通信系统
- 数字无绳电话
- 雷达、电子对抗
- 军事、航空航天等领域
- 无线局域网
- 多重频道, 多重定位系统
- 码分多路访问(通信)
- 国际移动通讯
- 全球数字移动电话系统
- 无线局域网

Method of Definition (命名方式)

C □ □ □ □ □ □ □ □ □ □
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① C&Q
- ② M: Mono Type A: Array Type
- ③ F: Filter D: Duplexer
- ④ Thickness
- ⑤ Number of resonator
- ⑥ Hole Structure
- ⑦ Center Frequency
- ⑧ Connect type S: SMD C: SMD+Case P: SMD+Case+PCB
- ⑨ Bandwidth
- ⑩ Versions

- ① C&Q
- ② M: 连体式 A: 分立式
- ③ F: 滤波器 D: 双工器
- ④ 厚度
- ⑤ 腔体数
- ⑥ 结构形式
- ⑦ 中心频率
- ⑧ 封装形式
- ⑨ 带宽
- ⑩ 版本

C □ □ □ □ □ □ □ □ □ □
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① C&Q
- ② DCF: MCF: MUF: DBF:
- ③ Number of filter or duplexer
- ④ Specification
- ⑤ Hole Structure
- ⑦ Center Frequency
- ⑧ Connect type S: SMD C: SMD+Case P: SMD+Case+PCB
- ⑨ Bandwidth
- ⑩ Versions

- ① C&Q
- ② 双工耦合器: 多工耦合器: 多工器: 双频滤波器
- ③ 滤波器或双工器个数
- ④ 滤波器规格
- ⑥ 结构形式
- ⑦ 中心频率
- ⑧ L: 针插式 H: 金属外壳
- ⑨ 带宽
- ⑩ 版本

回流焊温度曲线
Reflow profile

