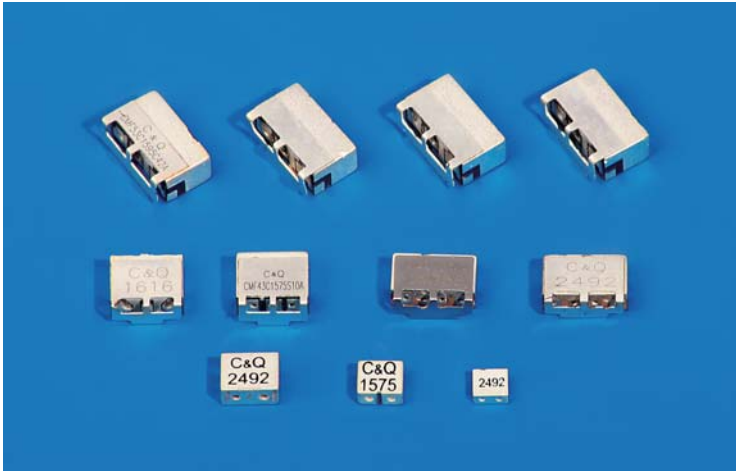
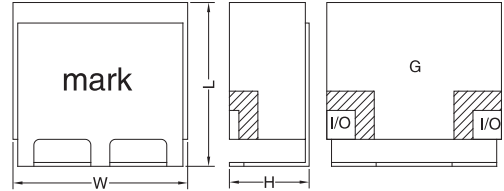


Dielectric Filter

-适用于GPS/GLONASS/北斗



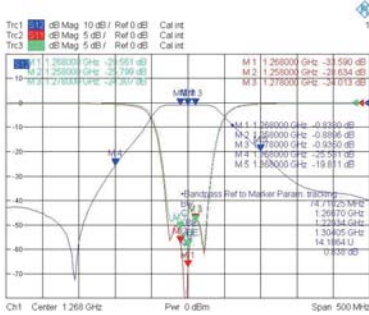
Dimension (尺寸) (Unit:mm)



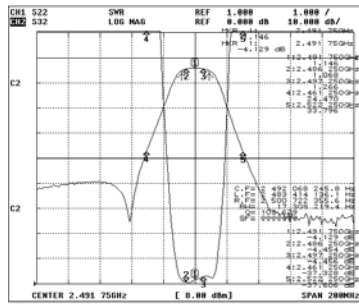
尺寸和输入输出形式可按要求设计

Typical Characteristic (波形特性)

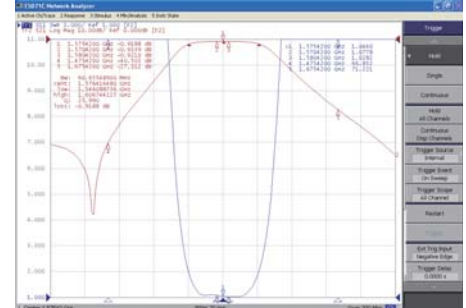
CMF43C1268C20B



CMF44C2492C11A



CMF53C1575C10A



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. 衰减	Dimension W x H x L(max.) 尺寸
CMF22C1575S30A	1575.42	fo ± 15.0	2.5	1.0	2.0	25 at fo-100	4.5 × 2.0 × 4.5
CMF32C1561S04A	1561.0	fo ± 2	3.0	1.0	2.0	60 at fo-100	5.8 × 2.8 × 5.5
CMF32C1575S10A	1575.42	fo ± 5	3.5	1.0	2.0	50 at fo-100	5.8 × 2.8 × 5.0
CMF32C1595S32A	1595.0	fo ± 16	3.0	1.0	1.5	30 at fo-100	5.8 × 2.8 × 5.0
CMF32C1616S10A	1616.0	fo ± 5	3.5	1.0	2.0	50 at fo-100	5.8 × 2.8 × 5.0
CMF32C1616S30A	1616.0	fo ± 15	2.0	0.5	2.0	25 at fo-100	5.8 × 2.8 × 5.0
CMF33C1595S40A	1595.0	fo ± 20	2.5	1.0	1.5	40 at fo-100	8.2 × 3.0 × 8.2
CMF33C1616S10A	1616.0	fo ± 5	3.0	1.0	1.5	45 at fo-100	8.2 × 3.0 × 7.0
CMF33C2492S10A	2492.0	fo ± 5	3.0	1.0	1.5	45 at fo-100	8.2 × 3.0 × 6.5
CMF42C1595S10A	1595.0	fo ± 5	2.0	1.0	2.0	30 at fo-100	7.4 × 3.6 × 8.0
CMF42C2492S40A	2492.0	fo ± 20	2.0	0.5	1.5	30 at fo ± 300	7.4 × 3.6 × 5.0
CMF43C1236C20A	1236.0	fo ± 10	2.0	1.0	1.5	45 at fo ± 100	9.2 × 4.2 × 9.5
CMF43C1236C20B	1236.0	fo ± 10	1.0	0.5	1.5	20 at fo ± 100	9.2 × 4.2 × 9.5
CMF43C1268C20A	1268.0	fo ± 10	2.0	1.0	1.5	45 at fo ± 100	9.2 × 4.2 × 8.5
CMF43C1268C20B	1268.0	fo ± 10	1.0	0.5	1.3	20 at fo ± 100	9.2 × 4.2 × 8.5
CMF43C1561C20A	1561.0	fo ± 10	2.0	1.0	1.5	45 at fo ± 100	9.2 × 4.2 × 8.5
CMF43C1561C20B	1561.0	fo ± 10	1.0	0.5	1.3	20 at fo ± 100	9.2 × 4.2 × 8.5
CMF43C1575C10A	1575.42	fo ± 5	2.0	1.0	1.5	45 at fo ± 100	9.2 × 4.2 × 8.5
CMF43C1575C20B	1575.42	fo ± 10	1.0	0.5	1.2	20 at fo ± 100	9.2 × 4.2 × 8.5
CMF43C1575C20C	1575.42	fo ± 10	1.3	0.5	1.2	25 at fo ± 100	9.2 × 4.2 × 8.5
CMF43C1595C30A	1595.0	fo ± 15	3.0	1.0	1.5	35 at fo ± 100	9.2 × 4.2 × 8.5
CMF43C1616C20A	1616.0	fo ± 10	2.0	1.0	1.5	45 at fo ± 100	9.2 × 4.2 × 8.0
CMF43C1616C20B	1616.0	fo ± 10	1.0	0.5	1.3	20 at fo ± 100	9.2 × 4.2 × 8.0
CMF43C1616C150A	1616.0	fo ± 75	1.0	/	1.5	50 at 2491	9.2 × 4.2 × 8.0
CMF43C2492C40A	2492.0	fo ± 20	2.0	1.0	1.5	30 at fo ± 100	9.2 × 4.2 × 7.0
CMF43C2492C40B	2492.0	fo ± 20	1.0	0.5	1.3	20 at fo ± 100	9.2 × 4.2 × 7.0
CMF44C2492C11A	2492.0	fo ± 5.5	5.0	1.0	1.3	45 at fo ± 100	9.2 × 4.2 × 8.0
CMF53C1575C10A	1575.42	fo ± 5	1.0	0.5	1.3	25 at fo ± 100	9.8 × 4.8 × 8.5
CMF53C1616C10A	1616.0	fo ± 5	1.0	0.5	1.3	25 at fo ± 100	9.8 × 4.8 × 8.5
CMF53C2492C40A	2492.0	fo ± 20	1.0	0.5	1.3	23 at fo ± 100	9.8 × 4.8 × 7.5
CMF63C1575C04A	1575.42	fo ± 2	1.0	0.3	1.5	40 at fo ± 100	17.0 × 6.0 × 8.5
CMF63C2492C100A	2492.0	fo ± 50	0.6	0.5	1.4	60 at 1616	17.0 × 6.0 × 7.5
CMF66C1616C10A	1616.0	fo ± 5	4.5	1.0	1.4	50 at fo ± 30	28.2 × 6.3 × 9.0
CMF42C2492C10A	2492.0	fo ± 5	0.5	0.3	1.5	60 at 1616	8.7 × 4.6 × 9.0

Note: (1) Operation Temperature: -55~+85°C (2) Other Parameters available on request. ①工作温度: -55~+85°C ②指标可按要求设计。

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

