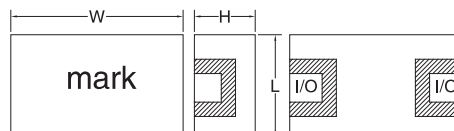


Dielectric Filter

-For microwave telecommunication, Base Station, Repeater, radar, navigation, electronic counterwork, aviation and spaceflight, navigation, etc.
 -适用于微波通讯、数据传送、通信基站、直放站、雷达、导航、电子对抗、军事、航空航天等领域。



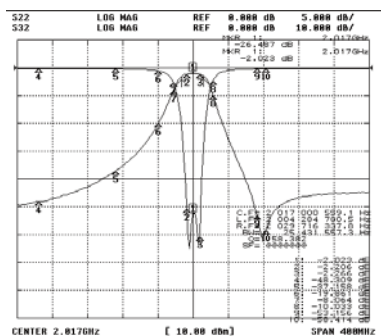
Dimension (尺寸) (Unit:mm)



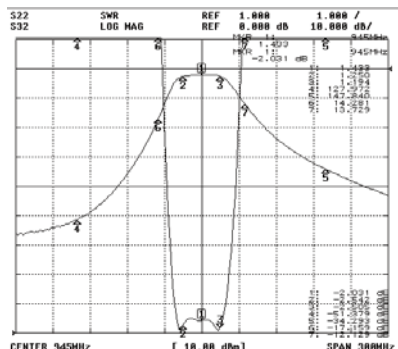
尺寸和输入输出形式可按要求设计

Typical Characteristic (波形特性)

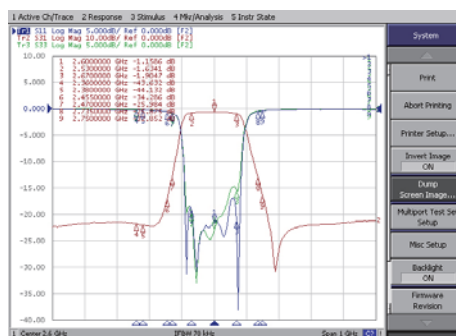
CMF43C2017S15A



CMF33C945S30A



CMF35C2600S140A



◆ Principal Parameters(主要参数)

Part No. 型号	Center Frequency (MHz) 中心频率(f ₀)	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(max.) (mm) 尺寸
CMF23C1472S40A	1472.0	f ₀ ± 20	3.0	0.8	2.0	20 at f ₀ ± 72	5.7 × 2.0
CMF23C2140S60A	2140.0	f ₀ ± 30	3.0	0.5	1.5	25 at f ₀ ± 150	5.7 × 2.0
CMF33C735S30A	735.0	f ₀ ± 15	3.0	1.0	2.0	38 at f ₀ ± 110	8.5 × 3.0
CMF33C851S36A	851.0	f ₀ ± 18	3.0	1.0	2.0	38 at f ₀ ± 110	8.5 × 3.0
CMF33C945S30A	945.0	f ₀ ± 15	2.5	0.8	2.0	32 at f ₀ ± 100	8.5 × 3.0
CMF33C1694S40A	1694.0	f ₀ ± 20	3.5	1.0	2.0	10 at f ₀ ± 40	8.5 × 3.0
CMF43C950S15A	950.0	f ₀ ± 7.5	4.0	1.0	1.8	30 at f ₀ ± 50	11.8 × 3.8
CMF43C1500S50A	1500.0	f ₀ ± 25	2.5	1.0	2.0	30 at f ₀ ± 100	11.8 × 3.8
CMF43C2017S15A	2017.5	f ₀ ± 7.5	3.0	0.5	1.5	35 at f ₀ ± 88.5	11.8 × 3.8
CMF43C3200S20A	3200.0	f ₀ ± 10	4.5	1.0	1.8	35 at f ₀ ± 70	11.8 × 3.8
CMF43C4700S20A	4700.0	f ₀ ± 10	6.0	1.0	1.5	40 at f ₀ ± 100	11.8 × 3.8
CMF53C400S04A	400.0	f ₀ ± 2	3.0	1.0	1.5	30 at f ₀ ± 50	12.0 × 5.0
CMF63C1472S40A	1472.0	f ₀ ± 20	1.0	0.5	2.0	25 at f ₀ ± 100	17.0 × 5.8
CMF63C2200S120A	2200.0	f ₀ ± 60	2.0	1.0	2.0	60 at f ₀ -450	17.0 × 5.8
CMF44C796S03A	796.0	f ₀ ± 1.5	4.0	1.0	1.5	20 at f ₀ ± 20	15.2 × 3.8
CMF44C945S30A	945.0	f ₀ ± 15	3.0	1.0	2.0	30 at f ₀ ± 50	15.2 × 3.8
CMF44C1150S36A	1150.0	f ₀ ± 18	3.0	1.0	2.0	20 at f ₀ ± 36	15.2 × 3.8
CMF44C2980S50A	2980.0	f ₀ ± 25	3.0	1.0	2.0	50 at f ₀ ± 200	15.2 × 3.8
CMF44C3880S40A	3880.0	f ₀ ± 20	4.0	1.0	2.0	25 at f ₀ ± 100	15.2 × 3.8
CMF54C500S20A	500.0	f ₀ ± 10	4.0	0.8	1.8	45 at f ₀ ± 70	20.0 × 5.0
CMF34C1900S140A	1900.0	f ₀ ± 70	3.0	1.5	1.8	35 at f ₀ ± 120	9.0 × 3.0
CMF35C2600S140A	2600.0	f ₀ ± 70	2.3	1.1	1.4	30 at f ₀ ± 150	9.0 × 3.0
CMF35C2350S150A	2350.0	f ₀ ± 150	2.0	1.5	1.8	25 at f ₀ ± 250	9.0 × 3.0

Note:(1)Frequency range:0.3~6G (2) Bandwidth range:0.5~50% (3)Operation Temperature:-55~+85°C (4)Other Parameters available on request.

①频率范围: 0.3~6G ②带宽范围: 0.5%~50% ③工作温度: -55~+85°C ④指标可按要求设计。

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。

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

