



Dielectric Filters for Surface Mounting

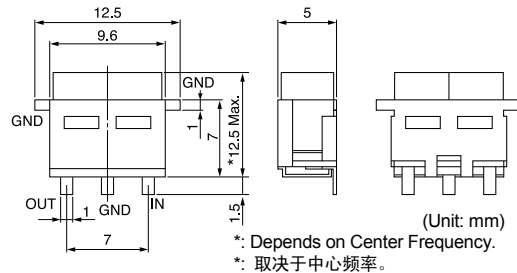
表面贴装型介质滤波器

TYPE #4DFA型 (2 Pole SMD 2极表面贴装型) / #4DFB型(3 Pole SMD 3极表面贴装型)

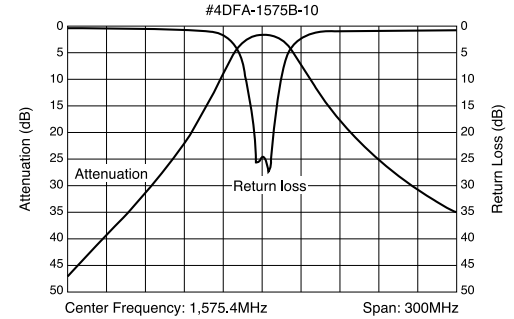
Frequency Range/ 频率范围: 700~2500MHz

Temperature Range/ 温度范围: -40°C~+85°C

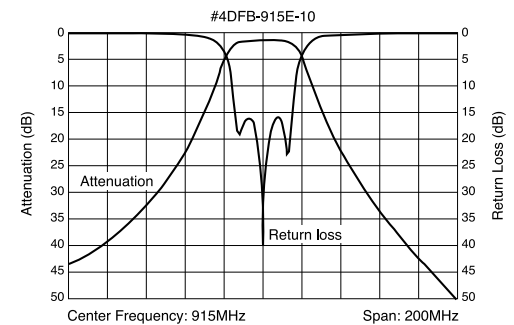
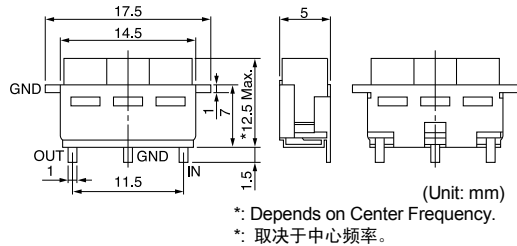
#4DFA



Typical Characteristics 典型特性



#4DFB



SELECTION GUIDE FOR STANDARD DEVICES/ 标准设备选择指南

- The Part Numbers shown in the tables below are standard devices, which are readily available. TOKO will design and manufacture modified and custom devices with specific characteristics to meet your requirements.

If you do not find the devices for your application in this catalog, please contact our sales or representative office.

- RoHS compliant.

- 下表格中所示零件号码为标准设备，可随时提供。东光也设计和生产有特定性能的改装产品和自定义设备以满足您的需求。

如果目录中没能满足您的需求，请与我们销售处或代表处联系。

- 符合RoHS指令。

TYPE #4DFA: SMD 2 Pole Designs / #4DFA型: 表面贴装 2极设计

东光零件号码	中心频率	带宽	插入损失	BW中最大纹波	电压驻波比	最小选择度	应用
TOKO Part Number	Center Frequency (MHz)	Bandwidth (fo ± MHz)	Insertion Loss (dB) Max.	Ripple in BW (dB) Max.	V.S.W.R. in BW Max.	Selectivity (dB) Min. (MHz)	Application
#4DFA-836E-10	836.5	± 12.5	2.0	1.0	2.0	18 (fo ± 77.5)	AMPS
#4DFA-881E-10	881.5	± 12.5	2.0	1.0	2.0	18 (fo ± 77.5)	AMPS
#4DFA-902E-10	902.5	± 12.5	2.0	1.0	2.0	18 (fo ± 77.5)	NMT/GSM
#4DFA-947E-10	947.5	± 12.5	2.0	1.0	2.0	18 (fo ± 77.5)	NMT/GSM
#4DFA-866A-10	866.0	± 2.0	3.0	1.0	1.43	30 (fo - 105)	CT2
#4DFA-886A-10	886.0	± 1.0	3.0	1.0	2.0	22 (fo ± 45)	Cordless Phone
#4DFA-808C-11	808.0	± 8.0	2.0	1.0	2.0	22 (fo ± 64)	Wireless Microphone
#4DFA-849C-10	849.0	± 8.0	2.0	1.0	2.0	22 (fo ± 64)	Wireless Microphone
#4DFA-915E-10	915.0	± 13.0	2.2	1.0	2.0	18 (fo ± 77.5)	Spread Spectrum
#4DFA-1227B-10	1227.0	± 5.0	2.0	0.8	2.0	7, 30 (fo ± 35, ± 140)	GPS
#4DFA-1227B-11	1227.0	± 5.0	1.2: 0.7 Typ.	0.5	2.0	15, 20 (fo + 140, - 140)	GPS
#4DFA-1227D-12	1227.0	± 10.0	1.2: 0.7 Typ.	0.7	2.0	16, 20 (fo + 140, - 140)	GPS
#4DFA-1237L-10	1237.0	± 30.0	1.7	1.0	2.0	10, 15 (fo + 140, - 140)	GPS+GLONASS
#4DFA-1248B-10	1248.0	± 5.0	2.0: 1.4 Typ.	0.8	2.0	7, 30 (fo ± 35, ± 140)	GPS
#4DFA-1575B-10	1575.4	± 5.0	2.0: 1.4 Typ.	0.8	2.0	7, 30 (fo ± 35, ± 140)	GPS
#4DFA-1575B-12	1575.4	± 5.0	1.2: 0.7 Typ.	0.5	2.0	17, 20 (fo + 140, - 140)	GPS
#4DFA-1575B-14	1575.4	± 5.0	2.5: 1.8 Typ.	0.8	2.0	17 (fo ± 50)	GPS
#4DFA-1591L-10	1591.0	± 30.0	1.5	0.7	2.0	10, 15 (fo + 140, - 140)	GPS+GLONASS
#4DFA-2442P-10	2442.0	± 40.0	2.5	1.0	2.0	15 (fo ± 250)	Spread Spectrum

Input Output impedance / 输入输出阻抗 : 50Ω



Dielectric Filters for Surface Mounting

表面贴装型介质滤波器

TYPE #4DFB: SMD 3 Pole Designs/ #4DFB型 表面贴装 3极设计

东光零件号码	中心频率	带宽	插入损失	BW中最大纹波	电压驻波比	最小选择度	应用
TOKO Part Number	Center Frequency (MHz)	Bandwidth (fo ± MHz)	Insertion Loss (dB) Max.	Ripple in BW (dB) Max.	V.S.W.R. in BW Max.	Selectivity (dB) Min. (MHz)	Application
#4DFB-591F-10	591.0	± 15.0	3.0	1.2	2.2	40 (fo ± 110)	Wireless Microphone
#4DFB-621F-10	621.0	± 15.0	3.0	1.2	2.2	40 (fo ± 110)	Wireless Microphone
#4DFB-704E-10	704.0	± 12.0	3.0	1.0	2.0	40,43 (fo - 100, + 100)	Wireless Microphone
#4DFB-790H-10	790.0	± 20.0	2.7	1.1	2.5	35 (fo ± 100)	Wireless Microphone
#4DFB-796F-10	796.0	± 14.0	3.0	1.0	2.0	40,43 (fo - 100, + 100)	Wireless Microphone
#4DFB-836E-10	836.5	± 12.5	2.5	1.0	2.0	12 (fo ± 32.5)	AMPS
#4DFB-881E-10	881.5	± 12.5	2.5	1.0	2.0	12 (fo ± 32.5)	AMPS
#4DFB-886A-10	886.0	± 1.0	4.5	1.0	2.0	41 (fo ± 45)	Cordless Phone
#4DFB-953A-10	953.5	± 1.5	6.0	1.5	2.0	30 (fo ± 30)	RFID
#4DFB-915E-10	915.0	± 13.0	2.7	1.0	2.0	12 (fo ± 32.5)	Spread Spectrum
#4DFB-1030C-10	1030.0	± 7.5	3.2	1.0	1.6	20, 50 (fo ± 35, ± 140)	TCAS
#4DFB-1227D-10	1227.0	± 10.0	3.2	1.0	2.0	12, 40 (fo ± 35, ± 140)	GPS
#4DFB-1575D-10	1575.0	± 10.0	3.2	1.0	2.0	12, 40 (fo ± 35, ± 140)	GPS
#4DFB-1542G-10	1542.0	± 17.0	2.0	1.0	2.0	17 (fo ± 84.5)	MCSS/INMARSAT
#4DFB-1643G-10	1643.5	± 17.0	1.6	0.5	1.5	18, 28 (fo - 67, + 108)	MCSS/INMARSAT
#4DFB-1747N-10	1747.5	± 35.0	2.0	1.2	2.0	12, 38 (fo ± 100, ± 350)	PCN
#4DFB-1842N-10	1842.5	± 35.0	2.0	1.2	2.0	24, 38 (fo ± 157, ± 350)	PCN
#4DFB-1950L-10	1950.0	± 30.0	3.0	1.0	2.0	25, 25 (fo - 230, + 160)	W-CDMA
#4DFB-2140L-10	2140.0	± 30.0	3.0	1.0	2.0	30, 22 (fo - 340, - 160)	W-CDMA
#4DFB-2442P-10	2442.0	± 40.0	2.5	1.2	2.0	5, 32 (fo ± 80, ± 250)	Spread Spectrum
#4DFB-920A-11	920.0	± 2.5	5.0	1.0	2.0	50, 18 (fo - 88, ± 20)	Digital TV
#4DFB-860D-10	860.0	± 10.0	2.5	0.8	2.0	15, 35 (fo ± 35, ± 80)	LMR
#4DFB-938A-13	938.0	± 3.0	2.0	1.0	2.0	18, 13 (fo - 36, + 36)	LMR

Input Output impedance / 输入输出阻抗: 50Ω