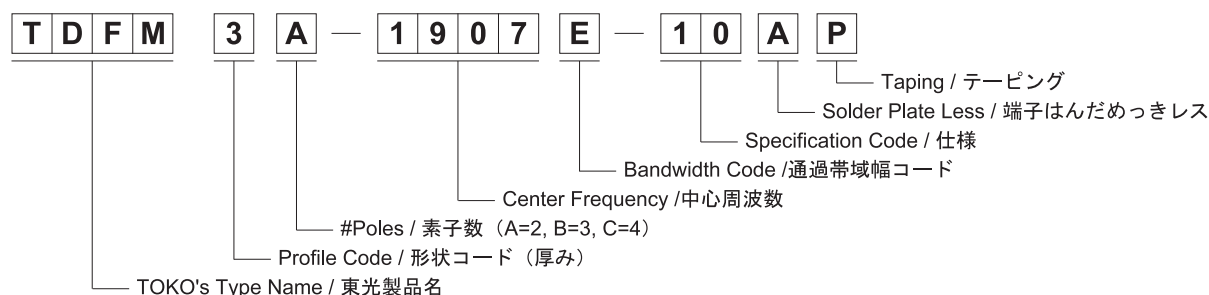
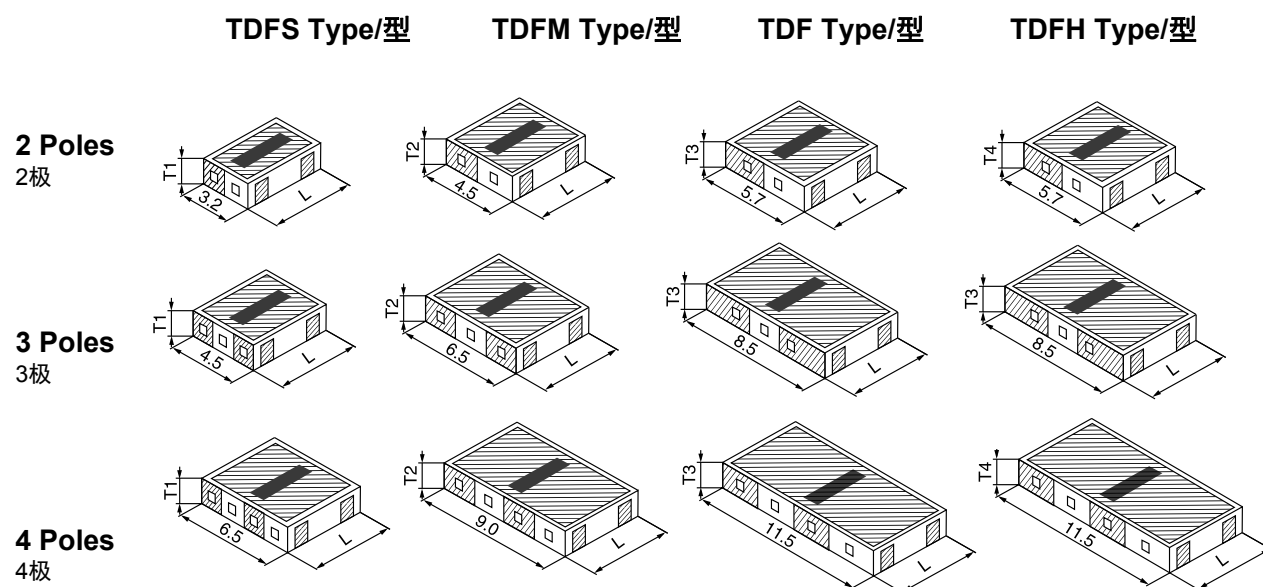


TDF Series / TDF 系列

■Part numbering system / 零件编码系统



■Dimensions / 尺寸



Unit: mm

T1	T2	T3	T4
2.25 Max.	2.8 Max.	3.0 Max.	5.5 Max.
2.0 Max.	2.25 Max.	2.25 Max.	4.0 Max.
1.8 Max.	2.0 Max.	2.0 Max.	

- The length, L, is different depending on the part number.
Refer to the separate table.
长度L随零件号码不同而不同。
- For the details of shapes regarding individual part numbers, contact us separately.
关于个别零件的详细形状，请与我们联系。

■The packing quantity / 包装数量

The taping quantity per reel in Part Number tables is the quantity of standard packing.
Please consult our sales or representative office when you hope for a different amount.

零件号码列表里每卷数量是标准包装数量。

当您希望不同数量时请向我们营业人员或销售代表处咨询。

TDF series for Wireless Broadband Communication

应用于无线宽频通信的TDF系列

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

- The Part Numbers shown in the table 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 device for your application in this catalog, please contact our sales or representative office.
- RoHS compliant.

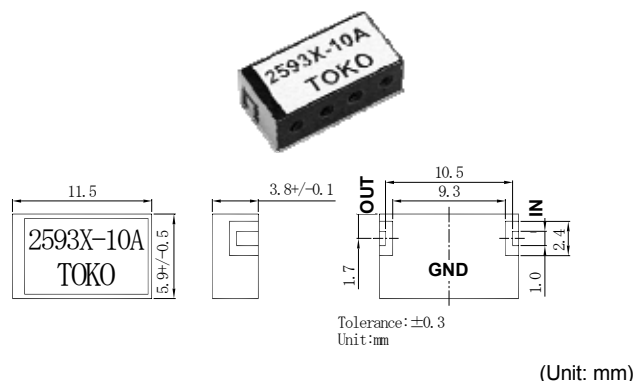
- 下表中所示零件号码为标准设备，可随时提供。东光也设计和生产有特定性能的改装产品和自定义设备以满足您的需求。如果目录中没能满足您的需求，请与我们销售处或代表处联系。
- 符合RoHS指令。

TDF Series / TDF 系列

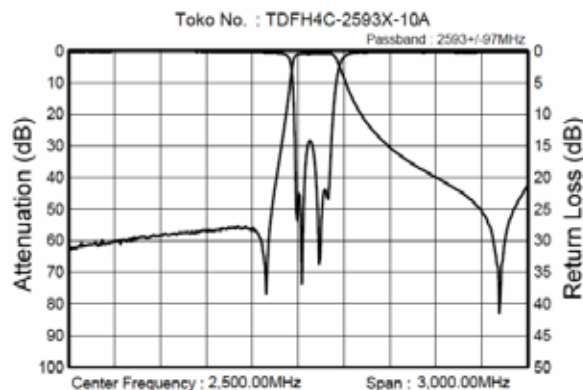
东光零件号码	中心频率	带宽	插入损失	电压驻波比	最小选择度	最大尺寸	应用	个/卷
TOKO Part Number	Center Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB) Max.	V.S.W.R. in BW Max.	Selectivity (dB) Min. (MHz)	Dimension (mm) W × L × T (Max.)	Application	Pcs/Reel
TDF2A-2450T-10AP	2450.0	Fo ± 50.0	2.00	2.00	20, 16 (Fo - 280, + 280)	5.7 × 5.1 × 2.25	2.4G-LAN	2000
TDFM1A-2450T-10AP	2450.0	Fo ± 50.0	2.00	2.00	20, 16 (Fo - 280, + 280)	4.5 × 5.2 × 2.0	2.4G-LAN	2000
TDFM1B-2450T-10AP	2450.0	Fo ± 50.0	2.30	2.00	35, 30 (Fo - 430, + 350)	6.5 × 5.1 × 2.0	2.4G-LAN	1500
TDFM1C-2450T-10AP	2450.0	Fo ± 50.0	3.00	2.00	21, 32 (Fo ± 150, - 200)	9.0 × 5.15 × 2.0	2.4G-LAN	1500
TDFS8A-2450T-13AP	2450.0	Fo ± 50.0	2.00	2.00	40 (Fo - 500)	3.2 × 3.0 × 1.8	2.4G-LAN	2000
TDF2A-2484E-11AP	2484.0	Fo ± 13.0	3.00	1.60	35, 30 (Fo ± 350, ± 700)	5.7 × 5.1 × 2.25	2.4G-LAN	2000
TDF2A-2484E-12AP	2484.0	Fo ± 13.0	2.00	1.60	25, 30 (Fo ± 350, ± 700)	5.7 × 5.1 × 2.25	2.4G-LAN	2000
TDFM1A-2484E-10AP	2484.0	Fo ± 13.0	2.00	2.00	25, 30 (Fo ± 350, ± 700)	4.5 × 5.1 × 2.0	2.4G-LAN	2000
TDFM1A-2484E-11AP	2484.0	Fo ± 13.0	3.00	2.00	35, 30 (Fo ± 350, ± 700)	4.5 × 5.2 × 2.0	2.4G-LAN	2000
TDFM1B-2350T-11AP	2350.0	Fo ± 50	2.30	2.00	35,30(1920,2700)	6.5 × 5.35 × 2.0	WiMAX	1500
TDFM1B-2546S-10AP	2546.0	Fo ± 46.5	1.80	2.00	44, 40 (Fo ± 412.5, ± 868.5)	6.5 × 4.05 × 1.90	WiMAX	2000
TDFM1B-2639S-10AP	2639.5	Fo ± 46.5	1.50	2.00	33, 35 (Fo ± 410.5, ± 866.5)	6.5 × 4.75 × 1.90	WiMAX	2000
TDFM3B-2593X-10A-01P	2593.0	Fo ± 97	2.00	2.00	25(2275)	6.5 × 4.5 × 2.5	WiMAX	1500
TDFH4C-2593X-10AP	2593.0	Fo ± 97	2.00	2.00	55,40, 30 (1393,2041,2377)	11.5 × 5.9 × 3.8	WiMAX	500
TDFM3B-2596X-10AP	2596.0	Fo ± 96	2.00	2.00	24,20(2200,3200)	6.5 × 4.5 × 2.5	WiMAX	1500
TDFM1B-2639S-10AP	2639.5	Fo ± 46.5	1.50	2.00	33, 35 (Fo ± 410.5, ± 866.5)	6.5 × 4.75 × 1.90	WiMAX	2000
TDFS1C-3449T-10AP	3449.75	Fo ± 50.25	1.50	2.00	40, 45 (Fo - 862, - 406)	6.5 × 4.4 × 2.0	Wi MAX	2000
TDFM2A-3549T-10AP	3549.75	Fo ± 50.25	1.40	2.00	31, 33 (Fo - 882, - 406)	4.5 × 4.5 × 2.25	Wi MAX	2000
TDFM2A-4995X-10A-01P	4995.0	Fo ± 95.5	1.50	2.00	20 (Fo - 795)	4.5 × 3.3 × 2.25	5G-LAN	2000
TDFM2C-4995X-10AP	4995.0	Fo ± 95.5	3.10	2.00	35, 50 (Fo - 560, Fo + 560)	9.0 × 3.3 × 2.25	5G-LAN	2000
TDFS8A-5075Z-10AP	5075.0	Fo ± 175.0	1.25	2.00	20 (4200)	3.2 × 3.25 × 1.8	5G-LAN	2000
TDFM2C-5250X-10AP	5250.0	Fo ± 100.0	3.00	2.00	35 (Fo - 400)	9.0 × 3.1 × 2.25	5G-LAN	2000
TDFS8A-5250X-10AP	5250.0	Fo ± 100.0	1.50	2.00	20 (Fo - 800)	3.2 × 3.2 × 1.8	5G-LAN	2000
TDFS8A-5437Z-10AP	5437.5	Fo ± 287.5	1.20	2.00	25 (Fo - 1937.5)	3.2 × 3.05 × 1.87	5G-LAN	2000
TDFS8A-5500Z-10AP	5500.0	Fo ± 350.0	1.00	2.00	25 (3500)	3.2 × 3.05 × 1.8	5G-LAN	2000
TDFM2A-5775T-10A-01P	5775.0	Fo ± 50.0	3.30	2.70	28 (5225.0~5325.0)	4.5 × 2.9 × 2.25	5G-LAN	2000
TDFM2A-5775V-11AP	5775.0	Fo ± 75.0	1.50	2.00	7,8 (Fo - 425, + 515)	4.5 × 2.9 × 2.25	5G-LAN	2000

产品示例

TDFH4C-2593X-10AP



Typical Characteristics 典型特性



TDF series for Mobile & Cordless Phone

应用于移动电话和无绳电话的TDF系列

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

- The Part Numbers shown in the table 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 device 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。

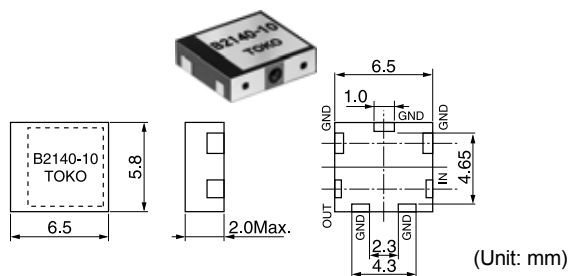
TDF Series/ TDF系列

东光零件号码	中心频率	带宽	插入损失	电压驻波比	最小选择度	最大尺寸	应用	个/卷
TOKO Part Number	Center Frequency (MHz)	Bandwidth (MHz)	Insertion Loss (dB) Max.	V.S.W.R. in BW Max.	Selectivity (dB) Min. (MHz)	Dimension (mm) W x L x T (Max.)	Application	Pcs/Reel
TDF2A-836E-10AP	836.5	Fo ± 12.5	2.70	2.00	6 (Fo ± 32.5)	5.7 × 9.9 × 2.25	Cellular	1500
TDF2A-881E-10AP	881.5	Fo ± 12.5	2.70	2.00	6 (Fo ± 32.5)	5.7 × 9.4 × 2.25	Cellular	1500
TDFS8A-904A-11AP	904.0	Fo ± 1.0	3.00	2.00	40 (Fo ± 140)	3.2 × 8.5 × 1.8	900M-CT	2000
TDFM2A-915E-10AP	915.0	Fo ± 13.0	3.00	2.00	12 (Fo ± 50)	4.5 × 7.7 × 2.25	900M-CT	1500
TDFM2B-915E-10AP	915.0	Fo ± 13.0	3.50	2.00	18 (Fo ± 50)	6.5 × 7.9 × 2.25	900M-CT	1500
TDFS1B-915E-10AP	915.0	Fo ± 13.0	4.50	2.00	32, 25 (Fo - 77.5, + 77.5)	4.5 × 8.3 × 2.0	900M-CT	1500
TDFS8A-915E-10AP	915.0	Fo ± 13.0	3.20	2.00	25, 17 (Fo - 77.5, + 77.5)	3.2 × 8.4 × 1.8	900M-CT	1500
TDFM1A-930A-12AP	930.5	Fo ± 1.5	3.50	2.00	40 (Fo - 90)	4.5 × 7.5 × 2.0	PAGER	1500
TDFM2A-1090C-11AP	1090.0	Fo ± 7.0	5.50	2.50	35, 33 (Fo - 80, + 80)	4.5 × 7.6 × 2.25	CATV	1500
TDFM1B-1747O-11AP	1747.5	Fo ± 37.5	3.00	2.00	8, 25 (Fo ± 80, ± 160)	6.5 × 4.75 × 2.0	Cellular	1500
TDFM1B-1842O-11AP	1842.5	Fo ± 37.5	3.00	2.00	8, 25 (Fo ± 80, ± 160)	6.5 × 4.5 × 2.0	Cellular	1500
TDFM2C-1870L-11AP	1870.0	Fo ± 30.0	2.00	2.00	10 (Fo - 120)	9.0 × 6.25 × 2.1	Cellular	1500
TDFM1B-1880L-11AP	1880.0	Fo ± 30.0	3.00	2.00	34, 39 (Fo ± 190, ± 240)	6.5 × 4.4 × 2.0	Cellular	2000
TDFM3C-1880L-11AP	1880.0	Fo ± 30.0	4.00	2.00	12 (Fo + 50)	9.0 × 6.8 × 2.8	Cellular	1500
TDF3B-1900H-11AP	1900.0	Fo ± 20.0	1.10	1.80	20 (Fo - 480, + 210)	6.5 × 5.3 × 3.0	PHS	1500
TDFM3A-1900H-10AP	1900.0	Fo ± 20.0	1.70	1.60	12, 20 (Fo - 140, + 241)	4.5 × 3.8 × 2.8	PHS	2000
TDF3A-1907E-18AP	1907.0	Fo ± 12.5	0.75	1.50	45, 15 (Fo - 486, - 237)	5.7 × 6.1 × 3.0	PHS	2000
TDF3A-1907E-19AP	1907.0	Fo ± 12.5	0.65	1.50	35, 13 (Fo - 486, - 237)	5.7 × 5.9 × 3.0	PHS	2000
TDFM3A-1907E-11AP	1907.0	Fo ± 12.0	1.60	1.50	35, 40 (Fo - 486, - 237)	4.5 × 3.8 × 2.8	PHS	2000
TDFM1B-1920V-10AP	1920.0	Fo ± 70.0	2.00	2.00	25, 25 (Fo - 350, + 780)	6.5 × 4.1 × 2.0	Cellular	2000
TDFM1B-1950L-10A-01P	1950.0	Fo ± 30.0	3.30	2.00	25 (Fo - 230, + 160)	6.5 × 4.2 × 2.0	Cellular	2000
TDFM3C-1950L-10A-01P	1950.0	Fo ± 30.0	4.00	2.00	10 (Fo ± 50)	9.0 × 6.55 × 2.6	Cellular	1500
TDFM1B-1960L-11AP	1960.0	Fo ± 30.0	3.00	2.00	34, 39 (Fo ± 190, ± 240)	6.5 × 4.2 × 2.0	Cellular	2000
TDFM3B-1960L-13AP	1960.0	Fo ± 30.0	3.30	2.00	20 (1850~1910)	6.5 × 6.0 × 2.8	Cellular	1500
TDFM3C-1960L-10AP	1960.0	Fo ± 30.0	4.00	2.00	12 (Fo - 50)	9.0 × 6.4 × 2.8	Cellular	1500
TDFM1B-2140L-10AP	2140.0	Fo ± 30.0	3.30	2.00	25 (Fo ± 160)	6.5 × 5.85 × 2.0	Cellular	1500
TDFM2C-2140L-10AP	2140.0	Fo ± 30.0	2.00	2.00	10 (Fo - 160)	9.0 × 6.4 × 2.1	Cellular	1500
TDFM2C-2140L-11A-01P	2140.0	Fo ± 30.0	3.00	1.50	20 (Fo ± 160)	9.0 × 5.8 × 2.1	Cellular	1500
TDFS8B-2140L-10AP	2140.0	Fo ± 30.0	3.00	2.00	32 (Fo - 160)	4.5 × 3.65 × 1.7	Cellular	2000
TDFM1B-2350X-12A-01P	2350.0	Fo ± 90.0	2.10	2.00	12 (Fo - 240, + 200)	6.5 × 5.4 × 1.9	Cellular	1500
TDFS1C-3500X-11A-02P	3500.0	Fo ± 100.0	2.00	2.00	40 (Fo - 400)	6.5 × 4.3 × 1.9	Cellular	2000

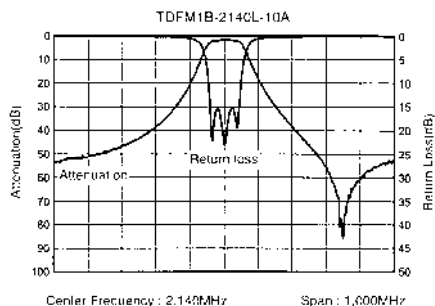
Input Output impedance / 输入/输出阻抗: 50Ω

产品示例

TDFM1B-2140L-10AP



Typical Characteristics 典型特性



TDF series for Other Applications

应用其他的TDF系列

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

- The Part Numbers shown in the table 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 device 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。

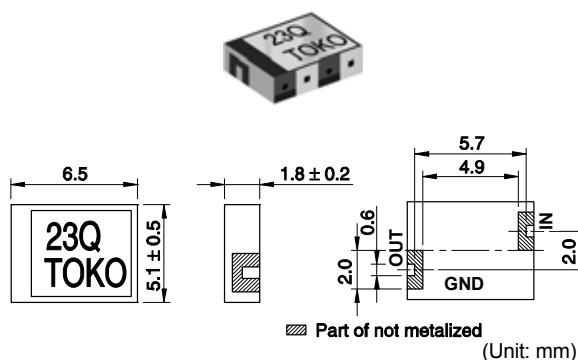
TDF Series/ TDF系列

东光零件号码	中心频率	带宽	插入损失	电压驻波比	最小选择度	尺寸	应用	个/卷
TOKO Part Number	Center Freq. (MHz)	Bandwidth (MHz)	Insertion Loss (dB) Max.	V.S.W.R. in BW	Selectivity (dB) Min. (MHz)	Dimension (mm) W x L x T (Max.)	Application	Pcs/Reel
TDFS8A-1472H-10AP	1472.0	Fo ± 20.0	1.50	2.00	30, 19 (Fo - 567, Fo + 248)	3.2 x 5.6 x 1.7	DAB	2000
TDFM2B-1472H-10AP	1472.0	Fo ± 20.0	3.00	2.00	34, 36 (Fo ± 215, - 450)	6.5 x 5.55 x 2.25	DAB	1500
TDFM3A-1472H-10AP	1472.0	Fo ± 20.0	1.80	2.00	38 (Fo - 422)	4.5 x 5.3 x 2.8	DAB	2000
TDFM3A-1472H-14AP	1472.0	Fo ± 20.0	1.50	2.00	42 (Fo - 230)	4.5 x 5.25 x 2.8	DAB	2000
TDFM3A-1238I-10AP	1238.5	Fo ± 21.5	1.80	2.00	10 (Fo ± 140)	4.5 x 6.6 x 2.8	GPS+GLONASS	2000
TDFM3A-1590J-10AP	1590.0	Fo ± 25.0	2.00	2.00	10 (Fo ± 140)	4.5 x 5.1 x 2.8	GPS+GLONASS	2000
TDFM3C-1590H-10AP	1590.0	Fo ± 16.0	3.20	2.00	25 (Fo ± 50)	9.0 x 6.8 x 2.5	GPS+GLONASS	1500
TDF3A-1227B-10AP	1227.0	Fo ± 5.0	1.20	2.00	20 (Fo ± 140)	5.7 x 7.5 x 3.0	GPS(L2)	1500
TDF2A-1575B-11AP	1575.4	Fo ± 5.0	5.50	2.30	22 (Fo - 50)	5.7 x 5.4 x 2.25	GPS(L1)	2000
TDF2A-1575B-12AP	1575.4	Fo ± 5.0	2.70	2.00	30, 28 (Fo - 140, + 140)	5.7 x 5.2 x 2.25	GPS(L1)	2000
TDF2A-1575B-13AP	1575.4	Fo ± 5.0	1.00	2.00	7 (Fo ± 140)	5.7 x 5.2 x 2.25	GPS(L1)	2000
TDF3A-1575B-10AP	1575.4	Fo ± 5.0	2.70	2.00	30, 28 (Fo - 140, + 140)	5.7 x 5.4 x 3.0	GPS(L1)	2000
TDFM1A-1575A-13AP	1575.4	Fo ± 1.0	4.00	2.00	18 (Fo ± 50)	4.5 x 5.4 x 1.9	GPS(L1)	2000
TDFM1B-1575A-10AP	1575.4	Fo ± 1.0	5.50	2.00	30.5 (Fo ± 50)	6.5 x 5.1 x 1.9	GPS(L1)	1500
TDFM2A-1575A-10AP	1575.4	Fo ± 1.0	3.20	2.00	30, 28 (Fo - 140, + 140)	4.5 x 5.25 x 2.25	GPS(L1)	2000
TDFM2A-1575A-11AP	1575.4	Fo ± 1.0	5.50	2.30	22 (Fo - 50)	4.5 x 5.2 x 2.25	GPS(L1)	2000
TDFS8A-1575A-10AP	1575.4	Fo ± 1.0	1.00	2.00	25, 5 (Fo - 726.5, + 275)	3.2 x 5.3 x 1.8	GPS(L1)	2000
TDFS1C-2326C-10AP	2326.0	Fo ± 7.0	2.00	2.00	10, 6 (Fo - 100, + 100)	5.0 x 4.6 x 2.0	SDARS	2000
TDFS1C-2326C-11AP	2326.0	Fo ± 7.0	3.00	2.00	30, 25 (Fo - 100, + 100)	5.0 x 4.6 x 2.0	SDARS	2000
TDFS8A-2326C-10AP	2326.0	Fo ± 7.0	2.80	2.00	20 (Fo - 200, + 200)	3.2 x 3.5 x 1.8	SDARS	2000
TDFS8B-2326C-10A-01P	2326.0	Fo ± 7.0	4.50	2.00	24, 19 (Fo - 100, + 100)	4.5 x 3.4 x 1.8	SDARS	2000
TDFM1B-2332E-10AP	2332.5	Fo ± 12.5	2.80	2.00	32, 32 (Fo - 226, + 239)	6.5 x 5.35 x 2.0	SDARS	1500
TDFS1C-2332E-10AP	2332.5	Fo ± 13.0	2.00	2.00	37, 37 (Fo - 222.5, + 227.5)	6.5 x 5.1 x 2.0	SDARS	1500
TDFS8A-2338B-11AP	2338.5	Fo ± 6.25	3.80	2.00	30 (Fo ± 200)	3.2 x 3.55 x 1.8	SDARS	2000
TDFS8A-2338E-10AP	2338.5	Fo ± 12.5	3.40	2.00	37, 25 (Fo - 200, + 200)	3.2 x 3.3 x 1.8	SDARS	2000
TDFS8A-2338C-12AP	2338.5	Fo ± 7.0	3.00	2.00	28 (Fo ± 230)	3.2 x 3.5 x 1.8	SDARS	2000
TDFS1C-2338B-11AP	2338.75	Fo ± 6.25	3.50	2.00	20 (Fo ± 56.5)	5.9 x 4.4 x 2.0	SDARS	2000
TDF2A-2500A-12AP	2500.0	Fo ± 2.0	5.00	2.00	20, 25 (Fo ± 60, ± 90)	5.7 x 5.2 x 2.25	VICS	2000
TDFM2A-5800B-11AP	5800.0	Fo ± 5.0	3.00	2.00	20 (Fo ± 400)	4.5 x 2.9 x 2.25	ETC/DSRC	2000
TDFS8A-5810P-10AP	5810.0	Fo ± 40.0	2.50	2.00	20 (5400)	3.2 x 2.9 x 1.8	ETC/DSRC	2000

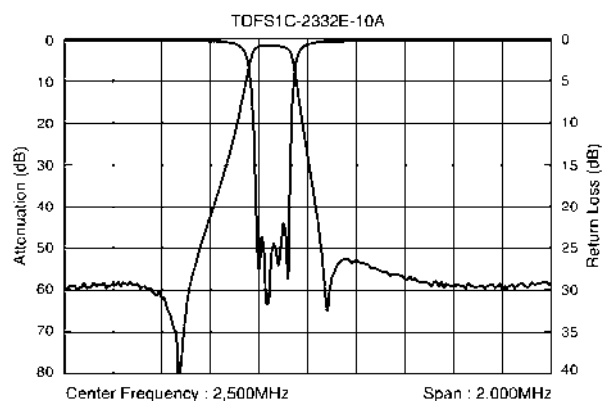
Input Output impedance / 输入/输出阻抗: 50Ω

产品示例

TDFS1C-2332E-10AP



Typical Characteristics 典型特性





Chip Dielectric Filters

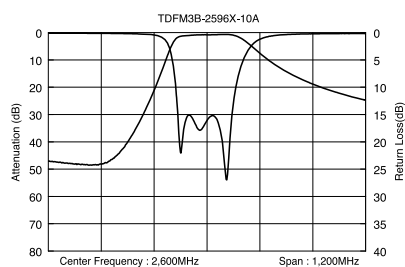
贴片介质滤波器

产品示例

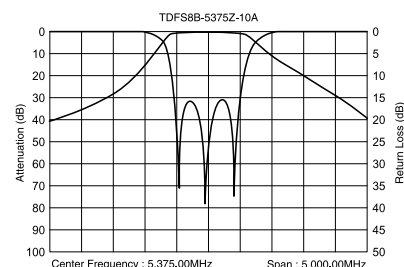
TDF for Wireless Broadband Communication



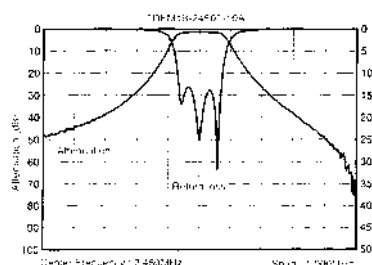
6.5×4.5×2.5mm Max.



4.5×3.05×1.8mm Max.



6.5×5.1×2.0mm Max.

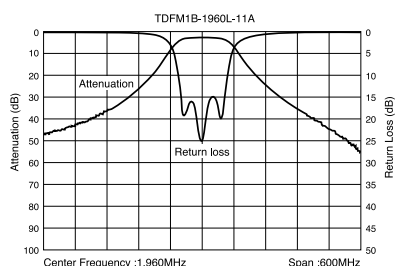


产品示例

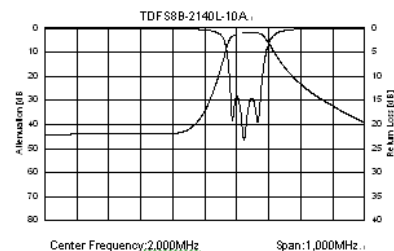
TDF for Mobile & Cordless Phone



6.5×4.2×2.0mm Max.



4.5×3.65×1.7mm Max.

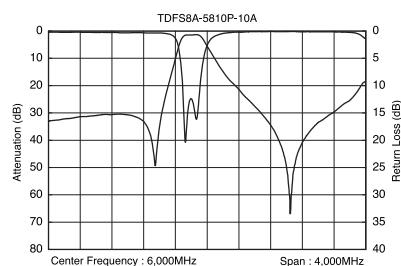


产品示例

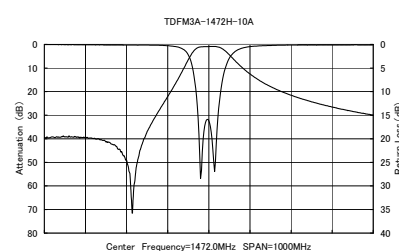
TDF for Other Applications



3.2×2.9×1.8mm Max.



4.5×5.25×2.8mm Max.



9.0×6.8×2.6mm Max.

