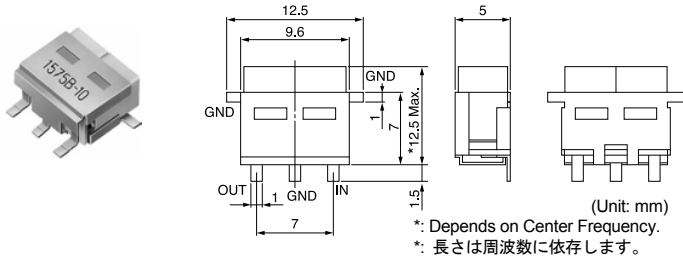


TYPE #4DFA (2 Pole SMD Type) / #4DFB (3 Pole SMD Type)

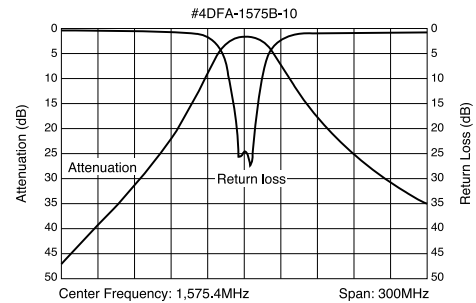
Frequency Range: 700~2500MHz

Temperature Range: - 40°C~+ 85°C

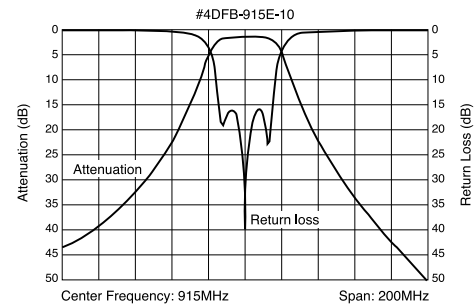
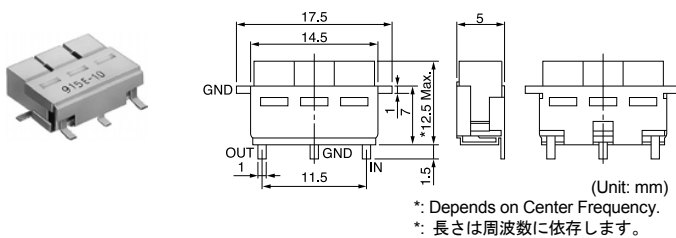
#4DFA



Typical Characteristics 代表特性例



#4DFB



SELECTION GUIDE FOR STANDARD DEVICES

- The Part Number 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 devices for your application in this catalog, please contact our sales or representative office.
- RoHS compliant

- 下記の表に示す製品番号は標準品です。TOKOは、お客様のご要望に合わせ設計、製作致しますので、お客様の用途に適合する仕様が見当たらない場合は、当社営業所または代理店にご連絡下さい。
- RoHS指令対応

TYPE #4DFA: SMD 2 Pole Designs

東光品番	中心周波数	帯域幅	挿入損失	帯域内リップル	V.S.W.R.	選択度	応用例
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 Microphon
#4DFA-849C-10	849.0	± 8.0	2.0	1.0	2.0	22 (fo ± 64)	Wireless Microphon
#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-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-1550L-10	1550.0	± 30.0	1.2: 0.7 Typ.	0.7	2.0	12, 16 (fo + 150, - 150)	MCSS
#4DFA-2442P-10	2442.0	± 40.0	2.5	1.0	2.0	15 (fo ± 250)	Spread Spectrum

入出カインピーダンス / Input Output impedance : 50Ω

TYPE #4DFB: SMD 3 Pole Designs

東光品番	中心周波数	帯域幅	挿入損失	帯域内リップル	V.S.W.R.	選択度	応用例
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-704E-10	704.0	± 12.0	3.0	1.0	2.0	40,43 (fo - 100, + 100)	Wireless Microphon
#4DFB-790H-10	790.0	± 20.0	2.7	1.1	2.5	35 (fo ± 100)	Wireless Microphon
#4DFB-796F-10	796.0	± 14.0	3.0	1.0	2.0	40,43 (fo - 100, + 100)	Wireless Microphon
#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

入出カインピーダンス / Input Output impedance : 50Ω