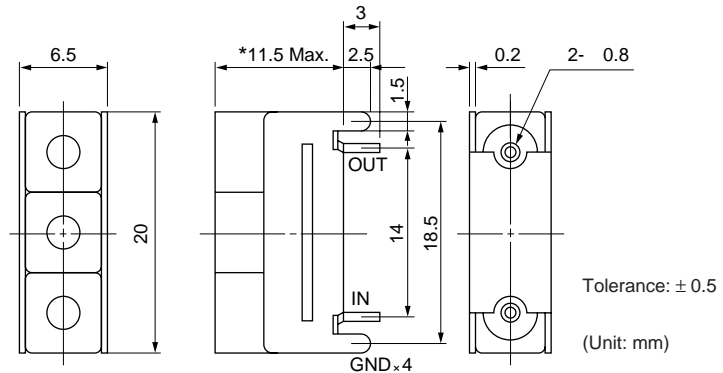
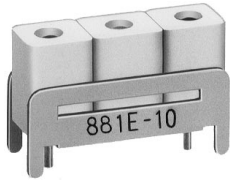




### TYPE 6DFB (3 Pole Type)

Frequency Range: 800~1700MHz

Temperature Range: -40°C~+85°C

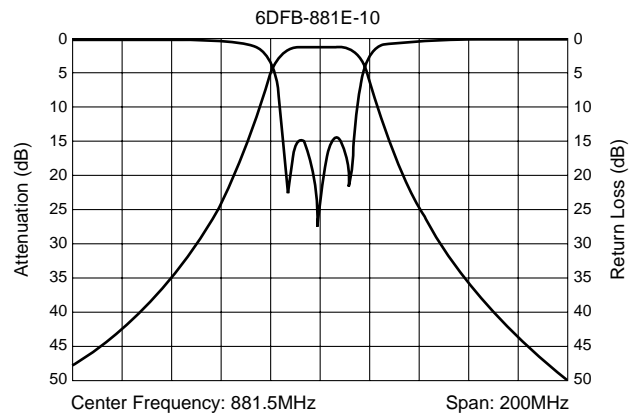


\*: Depends on Center Frequency.  
\*: 高さは周波数に依存します。

#### Measurement values: 6DFB-881E-10

Passband Insertion Loss	1.51dB
Passband Ripple	0.37dB
Passband V.S.W.R.	1.48
Attenuation at 849MHz	18.5dB
at 914MHz	18.7dB

#### Characteristics 特性曲線



### SELECTION GUIDE FOR STANDARD DEVICES

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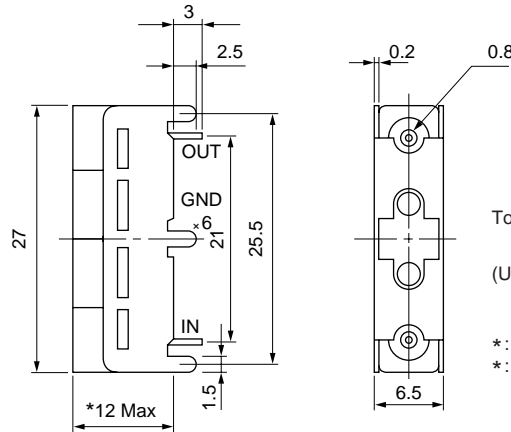
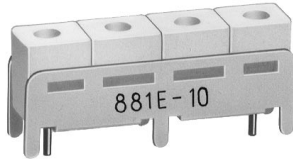
#### TYPE 6DFB: 3 Pole Designs

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 Freq. (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
6DFB-836E-10	836.5	± 12.5	2.0	0.8	2.0	12 (fo ± 32.5)	Cellular-AMPS
6DFB-881E-10	881.5	± 12.5	2.0	0.8	2.0	12 (fo ± 32.5)	Cellular-AMPS
6DFB-888G-10	888.5	± 16.5	2.5	0.8	2.0	6 (fo ± 28.5)	Cellular-TACS
6DFB-933G-10	933.5	± 16.5	2.5	0.8	2.0	6 (fo ± 28.5)	Cellular-TACS
6DFB-902E-10	902.5	± 12.5	2.0	0.8	2.0	12 (fo ± 32.5)	Cellular-NMT/GSM
6DFB-947E-10	947.5	± 12.5	2.0	0.8	2.0	12 (fo ± 32.5)	Cellular-NMT/GSM
6DFB-915E-10	915.0	± 13.0	2.0	0.8	2.0	12 (fo ± 32.5)	Spread Spectrum
6DFB-866A-10	866.0	± 2.0	4.5	1.0	2.0	20 (fo ± 16)	CT2
6DFB-886A-10	886.0	± 1.0	4.0	0.5	2.0	45, 50 (fo - 45, + 45)	Cordless Phone
6DFB-931A-10	931.0	± 1.0	4.0	0.5	2.0	45, 50 (fo - 45, + 45)	Cordless Phone
6DFB-914A-10	914.5	± 0.5	4.0	0.5	2.0	45, 50 (fo - 45, + 45)	Cordless Phone
6DFB-959A-10	959.5	± 0.5	4.0	0.5	2.0	45, 50 (fo - 45, + 45)	Cordless Phone
6DFB-1575B-10	1575.4	± 5.0	3.0	1.0	2.0	18 (fo ± 50)	GPS Receiver
6DFB-1544F-10	1544.5	± 14.5	3.0	1.0	2.0	20, 30 (fo - 64.5, + 82)	INMARSAT
6DFB-1643G-11	1643.5	± 17.0	3.0	1.0	2.0	23, 37 (fo - 67, + 108)	INMARSAT
6DFB-1459B-10	1459.0	± 6.0	3.0	1.0	2.0	34, 38 (fo - 67, + 78)	MCA

### TYPE 6DFC (4 Pole Type)

Frequency Range: 800~1500MHz

Temperature Range: -40°C~+85°C



Tolerance: ±0.5

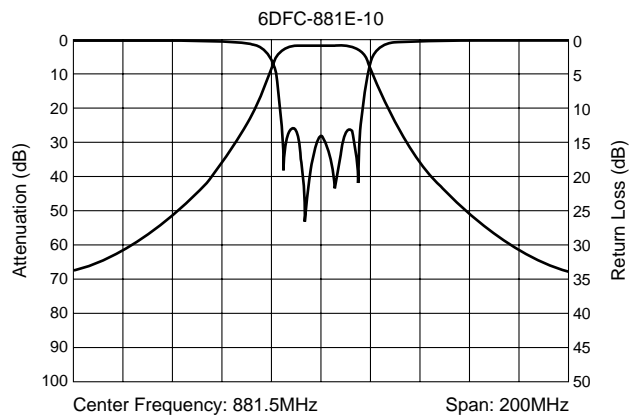
(Unit: mm)

\*: Depends on Center Frequency.  
 \*: 高さは周波数に依存します。

#### Measurement values: 6DFC-881E-10

Passband Insertion Loss	2.15dB
Passband Ripple	0.54dB
Passband V.S.W.R.	1.60
Attenuation	
at 849MHz	28.2dB
at 914MHz	28.0dB

#### Characteristics 特性曲線



## SELECTION GUIDE FOR STANDARD DEVICES

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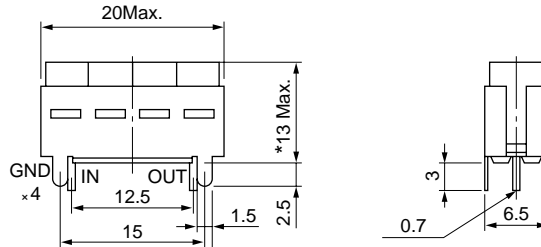
### TYPE 6DFC: 4 Pole Designs

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 Freq. (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
6DFC-836E-10	836.5	± 12.5	2.7	1.0	2.0	23 (fo ± 32.5)	Cellular-E-AMPS
6DFC-881E-10	881.5	± 12.5	2.7	1.0	2.0	23 (fo ± 32.5)	Cellular-E-AMPS
6DFC-902E-10	902.5	± 12.5	2.7	1.0	2.0	23 (fo ± 32.5)	Cellular-NMT/GSM
6DFC-947E-10	947.5	± 12.5	2.7	1.0	2.0	23 (fo ± 32.5)	Cellular-NMT/GSM
6DFC-1030C-10	1030.0	± 7.5	3.0	1.0	2.0	40, 60 (fo ± 60, ± 120)	TCAS
6DFC-1090C-10	1090.0	± 7.5	3.0	1.0	2.0	40, 60 (fo ± 60, ± 120)	TCAS
6DFC-1229B-12TW	1229.0	± 5.0	4.0	0.6	2.0	35, 33 (fo - 36, + 36)	CATV
6DFC-1553I-10	1553.25	± 23.25	3.0	1.0	2.0	25 (fo ± 73.25)	Satellite
6DFC-1300E-11	1300.0	± 12.5	3.2	0.8	2.0	19 (fo ± 36)	CATV

### TYPE 6DFSC (4 Pole Type)

Frequency Range: 800~1500MHz

Temperature Range: -40°C~+85°C

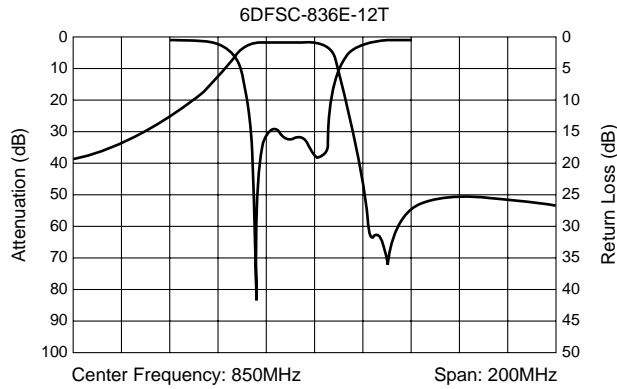


Tolerance: ±0.5

(Unit: mm)

\*: Depends on Center Frequency.  
\*: 高さは周波数に依存します。

### Characteristics 特性曲線



### SELECTION GUIDE FOR STANDARD DEVICES

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#### TYPE 6DFSC: 4 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
TOKO Part Number	Center Freq. (MHz)	Bandwidth (fo ± MHz)	Insertion Loss in BW (dB) max.	Ripple in BW (dB) max.	V.S.W.R. in BW max.	Selectivity (dB) min. (MHz)
6DFSC-836E-12T	836.5	± 12.5	2.5	0.9	1.7	43 (869~894)
6DFSC-920C-10	920.0	± 7.0	4.0	1.2	2.0	40 (fo ± 53)

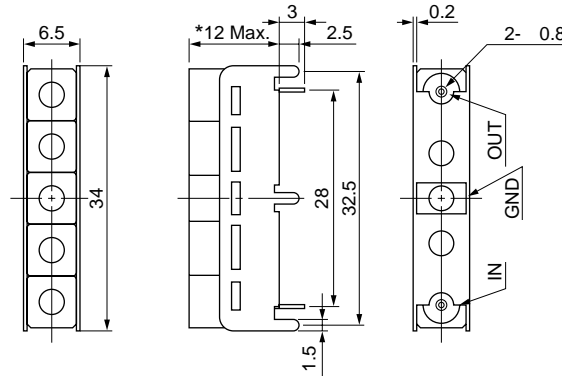
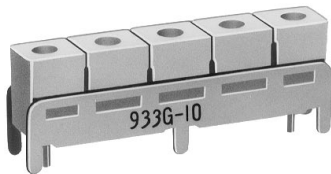
Note: The 6DFSC-836E-12T is for use at the Tx (Transmit side) of the 6DPK-836E881E-12T.

注: 6DFSC-836E-12Tは6DPK-836E881E-12TのTx側を構成するものです。

### TYPE 6DFD (5 Pole Type)

Frequency Range: 800~1500MHz

Temperature Range: -40°C~+85°C



Tolerance: ± 0.5

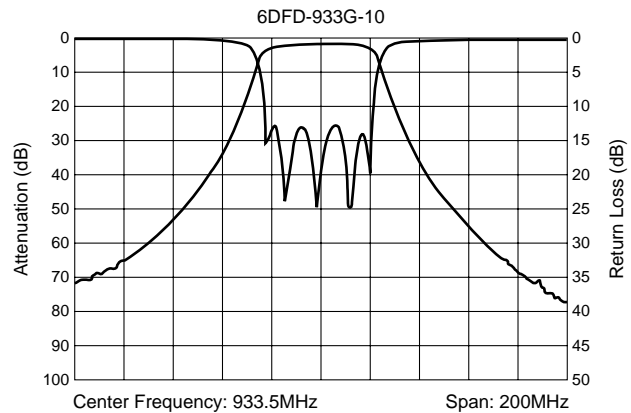
(Unit: mm)

\*: Depends on Center Frequency.  
 \*: 高さは周波数に依存します。

#### Measurement values: 6DFD-933G-10

Passband Insertion Loss	2.25dB
Passband Ripple	0.57dB
Passband V.S.W.R.	1.58
Attenuation at 905MHz	14.2dB
Attenuation at 962MHz	16.6dB

#### Characteristics 特性曲線



## SELECTION GUIDE FOR STANDARD DEVICES

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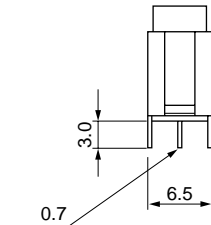
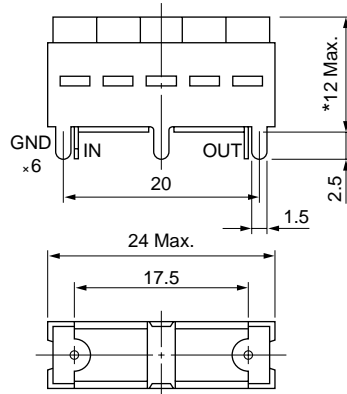
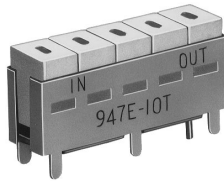
### TYPE 6DFD: 5 Pole Designs

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 Freq. (MHz)	Bandwidth (fo ± MHz)	Insertion Loss in BW (dB) max.	Ripple in BW (dB) max.	V.S.W.R. in BW max.	Selectivity (dB) min. (MHz)	Application
6DFD-933G-10	933.5	± 16.5	3.0	1.0	2.0	11 (fo ± 28.5)	Cellular
6DFD-1542G-10	1542.0	± 17.0	4.0	1.5	2.0	45 (fo ± 84.5)	Inmarsat

### TYPE 6DFSD (5 Pole Type)

Frequency Range: 800~1500MHz

Temperature Range: -40°C~+85°C

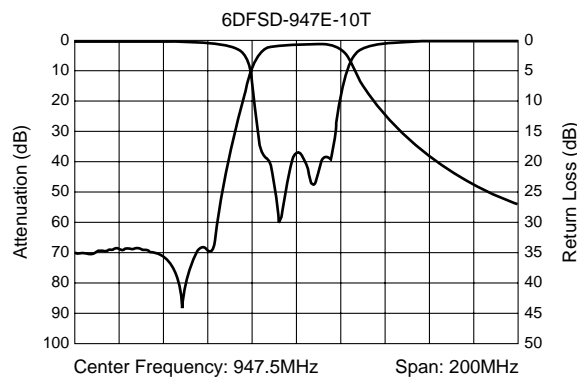


Tolerance: ± 0.5

(Unit: mm)

\*: Depends on Center Frequency.  
\*: 高さは周波数に依存します。

### Characteristics 特性曲線



## SELECTION GUIDE FOR STANDARD DEVICES

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### TYPE 6DFSD: 5 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 Freq. (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
6DFSD-881E-10	881.5	± 12.5	3.5	1.2	2.0	24 (fo ± 32.5)	Cellular-E-AMPS
6DFSD-881E-12T	881.5	± 12.5	3.5	1.2	1.7	52 (824-849)	Cellular-E-AMPS
6DFSD-902E-10	902.5	± 12.5	3.5	1.2	1.7	25 (fo ± 32.5)	Cellular-NMT/GSM
6DFSD-947E-11	947.5	± 12.5	3.5	1.2	1.7	25 (fo ± 32.5)	Cellular-NMT/GSM
6DFSD-947E-10T	947.5	± 12.5	3.5	1.5	1.9	53 (890-915)	Cellular-NMT/GSM
6DFSD-1030C-10	1030.0	± 7.5	3.0	0.7	2.0	60 (fo + 60)	TCAS
6DFSD-1090C-10	1090.0	± 7.5	3.5	1.0	2.0	60 (fo - 60)	TCAS

Notes: 1. The letter "T" added to the TOKO number indicates the attachment of a trap.  
2. 6DFSD-881E-12T is for the structure of the 6DPK-836E881E-12T at the Rx (Receive side).

注: 1. 東光品番の最後に付加されているTはトラップ付きを表わします。  
2. 6DFSD-881E-12Tは6DPK-836E881E-12TのRx側を構成するものです。