



PAD	CONNECTION
1	Ground
2	Ground
3	In / Out
4	Ground
5	Ground
6	Out / In

Scale 2:1

## Features

- ▶ 3-pole models in one package
- ▶ Cost-effective performance
- ▶ Frequencies from 21.40 ~110MHz available
- ▶ Custom specifications available
- ▶ Miniature SM package

## Ordering Information

Product name + model number

eg: **GSF-74 TY0129A**

**GSF-74 TY0137A**

Option code X (eg GSF-74/X) denotes a custom spec.

- ♦ Available on T&R - 1k pcs per reel.
- ♦ Refer to our website for T&R and soldering details.

## Standard Specifications

Model Number	Centre Frequency (MHz)	Number of Poles	Pass Band (dB @ kHz)	Attenuation Band (dB @ kHz)	In-Band Ripple (dB)	Insertion Loss (dB)	Guaranteed Attenuation (dB @ kHz)	Termination ( $\Omega$ // pF)	Operating Temperature Range ( $^{\circ}$ C)	No of Units
<b>TY0129A</b>	21.400	3	3 $\pm$ 3.75	23 $\pm$ 12.5	1.0	3.0	60 -910 $\pm$ 10	850 // 6.0	-20 to +70	1
<b>TY0131A</b>	21.400	3	3 $\pm$ 6.0	15 $\pm$ 12.5	1.0	3.0	60 -910 $\pm$ 10	850 // 2.0	-20 to +70	1
<b>TY0135A</b>	21.400	3	3 $\pm$ 7.50	18 $\pm$ 25.0	1.0	3.0	60 -910 $\pm$ 10	1500 // 2.5	-20 to +70	1
<b>TY0137A</b>	21.400	3	3 $\pm$ 7.50	18 $\pm$ 25.0	1.0	3.0	60 -910 $\pm$ 10	850 // 2.0	-20 to +70	1
<b>TY0136A</b>	21.700	3	3 $\pm$ 3.75	20 $\pm$ 20.0	1.0	3.0	60 -910 $\pm$ 10	850 // 6.0	-20 to +70	1
<b>TY0122A</b>	45.000	3	3 $\pm$ 3.75	10 $\pm$ 12.5	1.0	3.0	65 -910 $\pm$ 10	200 // 4.0	-20 to +70	1
<b>TY0132A</b>	45.150	3	3 $\pm$ 7.0	15 $\pm$ 25.0	1.0	5.0	70 -910 $\pm$ 10	600 // 3.0	-20 to +70	1
<b>* TBA *</b>	90.000	3	3 $\pm$ 10.0	15 $\pm$ 25.0	1.0	3.0	20 +500 ~ +1000 70 -300 ~ -1000	1500 // -1.4	-20 to +70	1

Custom specifications available