

## Features

- ▶ Miniature SM package
- ▶ Frequencies up to 70.0MHz available
- ▶ Custom specifications available

## Ordering Information

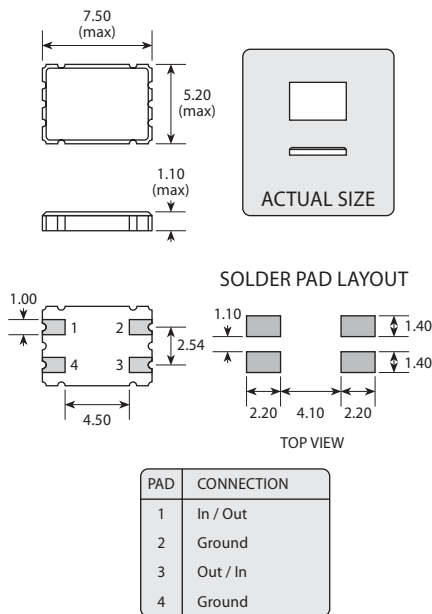
Product name + model number

eg: **GSF-71 21S15A**

**GSF-71 21S30B**

Option code X (eg GSF-71/X) denotes a custom spec.

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



Scale 2:1

## 21.4MHz 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>21S7A</b>	21.400	2	3 $\pm$ 3.75	18 $\pm$ 18.0	1.0	1.5	50 -910 $\pm$ 10	850 // 6.0	-20 to +60	1
<b>21S7B</b>	21.400	4	3 $\pm$ 3.75	35 $\pm$ 14.0	1.0	2.5	80 -910 $\pm$ 10	850 // 3.5 ( $C_c=15.0$ pF)	-20 to +60	2
<b>21S12A</b>	21.400	2	3 $\pm$ 6.0	18 $\pm$ 25.0	1.0	1.5	50 -910 $\pm$ 10	1200 // 3.0	-20 to +60	1
<b>21S12B</b>	21.400	4	3 $\pm$ 6.0	35 $\pm$ 20.0	1.0	2.5	80 -910 $\pm$ 10	1200 // 1.5 ( $C_c=7.5$ pF)	-20 to +60	2
<b>21S15A</b>	21.400	2	3 $\pm$ 7.5	15 $\pm$ 25.0	1.0	1.5	50 -910 $\pm$ 10	1500 // 2.0	-20 to +60	1
<b>21S15B</b>	21.400	4	3 $\pm$ 7.5	35 $\pm$ 25.0	1.0	2.5	80 -910 $\pm$ 10	1500 // 0.5 ( $C_c=5.0$ pF)	-20 to +60	2
<b>21S20A</b>	21.400	2	3 $\pm$ 10.0	15 $\pm$ 34.0	1.0	2.0	50 -910 $\pm$ 10	1800 // 0.5	-20 to +60	1
<b>21S20B</b>	21.400	4	3 $\pm$ 10.0	35 $\pm$ 34.0	1.0	2.5	80 -910 $\pm$ 10	1800 // -1.0 ( $C_c=3.0$ pF)	-20 to +60	2
<b>21S30A</b>	21.400	2	3 $\pm$ 15.0	15 $\pm$ 45.0	1.0	1.5	50 -910 $\pm$ 10	3000 // 0.0	-20 to +60	1
<b>21S30B</b>	21.400	4	3 $\pm$ 15.0	35 $\pm$ 50.0	1.0	2.5	80 -910 $\pm$ 10	3000 // -1.5 ( $C_c=3.0$ pF)	-20 to +60	2

4-pole models are supplied as two matched units.