

Features

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

Ordering Information

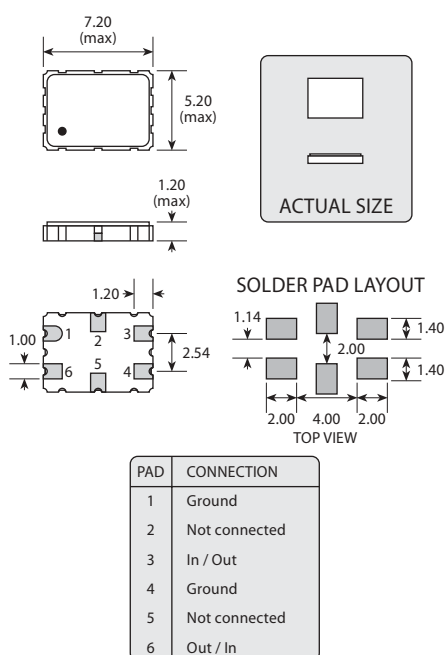
Product name + model number

eg: **GSF-72 21S15A**

GSF-72 21S30B

Option code X (eg GSF-72/X) denotes a custom spec.

- ◆ Available on T&R - 1k or 3k 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 (Ω // pF) | Operating Temperature Range ($^{\circ}\text{C}$) | No of Units |
|---------------|------------------------|-----------------|----------------------|-----------------------------|---------------------|---------------------|-----------------------------------|--|--|-------------|
| 21S7A | 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 |
| 21S7B | 21.400 | 4 | 3 \pm 3.75 | 35 \pm 14.0 | 1.0 | 2.5 | 80 -910 \pm 10 | 850 // 3.5 ($C_c=15.0\text{pF}$) | -20 to +60 | 2 |
| 21S12A | 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 |
| 21S12B | 21.400 | 4 | 3 \pm 6.0 | 35 \pm 20.0 | 1.0 | 2.5 | 80 -910 \pm 10 | 1200 // 1.5 ($C_c=7.5\text{pF}$) | -20 to +60 | 2 |
| 21S15A | 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 |
| 21S15B | 21.400 | 4 | 3 \pm 7.5 | 35 \pm 25.0 | 1.0 | 2.5 | 80 -910 \pm 10 | 1500 // 0.5 ($C_c=5.0\text{pF}$) | -20 to +60 | 2 |
| 21S20A | 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 |
| 21S20B | 21.400 | 4 | 3 \pm 10.0 | 35 \pm 34.0 | 1.0 | 2.5 | 80 -910 \pm 10 | 1800 // -1.0 ($C_c=3.0\text{pF}$) | -20 to +60 | 2 |
| 21S30A | 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 |
| 21S30B | 21.400 | 4 | 3 \pm 15.0 | 35 \pm 50.0 | 1.0 | 2.5 | 80 -910 \pm 10 | 3000 // -1.5 ($C_c=3.0\text{pF}$) | -20 to +60 | 2 |

4-pole models are supplied as two matched units.