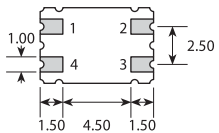
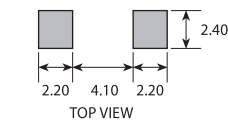
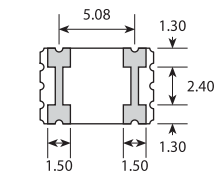
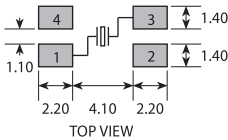


GSX-1A

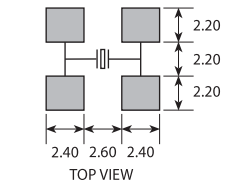
SOLDER PAD LAYOUTS



GSX-1B



GSX-1C



Features

- ▣ Ceramic SM package
- ▣ Fundamental mode up to 50.0MHz
- ▣ Low cost for volume applications
- ▣ Large stocks of standard frequencies

Specifications

GSX-1A: 2 pads, opposite ends

GSX-1B: 4 pads, diagonal connections

GSX-1C: 2 pads, 5.08mm pitch

| Parameters | Variant | | | Option Codes | |
|---------------------------------------|---|---|---|---|---------------------------------------|
| | A | B | C | | |
| Package: | GSX-1A GSX-1B GSX-1C | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Frequency range: | 5.0 ~ 84.0MHz | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Calibration tolerance: | ±30ppm ±50ppm Other (±20ppm ~ ±100ppm) | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> | 3 5 specify |
| Temperature stability: | ±30ppm ±50ppm ±100ppm ±20ppm ~ ±100ppm | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | 3 5 C specify |
| Operating temperature range: | -10 to +60°C -20 to +70°C -40 to +85°C other | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | 1 2 4 specify |
| Circuit condition: | 12pF 16pF 18pF 20pF 30pF Series resonant other values | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | B D E F J S specify |
| Oscillation mode: | Fundamental (6.0 ~ 50.0MHz) 3rd overtone (28.1 ~ 50.0MHz) 3rd overtone (50.1 ~ 67.0MHz) | <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> | F 3 3 |
| Static capacitance (C ₀): | 7pF max | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Equivalent series resistance (max): | 80Ω (5.0 ~ 7.99MHz) 60Ω (8.0 ~ 9.99MHz, fund) 50Ω (10.0 ~ 15.99MHz, fund) 40Ω (16.0 ~ 50.0MHz, fund) 60Ω (28.0 ~ 84.0MHz, 3rd OT) | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> | |
| Ageing: | ±5ppm max first year | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Test drive level: | 100μW | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |
| Soldering condition: | 260°C, 10 sec x2 max | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | |

▣ Standard. □ Optional - Please specify required code(s) when ordering

Ordering Information

Product name + variant + option codes (if any) + frequency + circuit condition (if non-standard)

eg: **GSX-1A/551DF 16.0MHz** 50/50/10/16-F (standard)

GSX-1A/5C1S3 48.0MHz 50/100/10/S-3

Option code X (eg GSX-1/X) denotes a custom specification.

- ◆ Available on T&R - 2k pcs per reel.
- ◆ Refer to our website for T&R and soldering details.