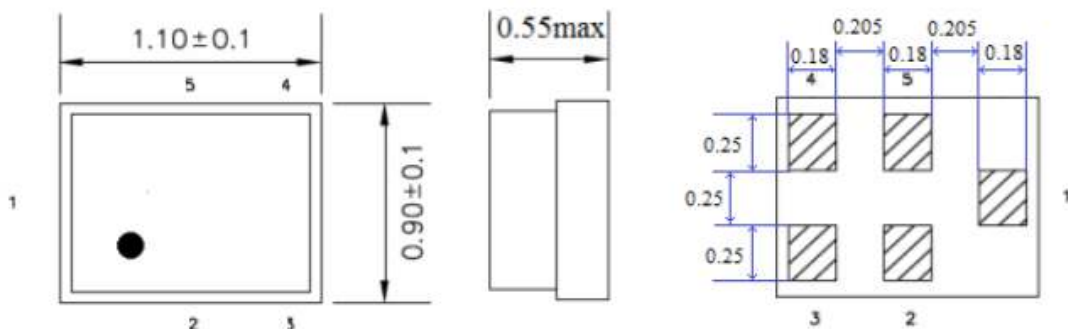


Electrical Specification

| Parameters | | Value | Unit |
|--|-------------------|-------------------|----------------|
| Center Frequency (Fo) | | 1189.000 | MHz |
| Insertion Loss, tpy/max | @ 1164 ~ 1189 MHz | 1.8 / 2.3 | dB |
| | @ 1189 ~ 1214 MHz | 1.9 / 2.4 | dB |
| Amplitude Ripple | @ 1164 ~ 1189 MHz | 0.5 / 1.3 | dB |
| | @ 1189 ~ 1214 MHz | 0.6 / 1.4 | dB |
| VSWR | | @ 1164 ~ 1214 MHz | 2.0 / 2.2 |
| Absolute Attenuation, tpy/min | @ 10 ~ 814 MHz | -53 / -63 | dB |
| | @ 814 ~ 849 MHz | -53 / -68 | dB |
| | @ 849 ~ 980 MHz | -51 / -65 | dB |
| | @ 980 ~ 1010 MHz | -51 / -63 | dB |
| | @ 1010 ~ 1100 MHz | -50 / -56 | dB |
| | @ 1100 ~ 1130 MHz | -40 / -50 | dB |
| | @ 1250 ~ 1427 MHz | -25 / -28 | dB |
| | @ 1427 ~ 1463 MHz | -45 / -65 | dB |
| | @ 1710 ~ 2025 MHz | -45 / -50 | dB |
| | @ 2300 ~ 2690 MHz | -40 / -43 | dB |
| | @ 2690 ~ 3000 MHz | -38 / -42 | dB |
| | @ 3000 ~ 6000 MHz | -30 / -35 | dB |
| Terminating Impedance | Input | 50 // 17 | Ω // nH |
| | Output | 50 // 17 | Ω // nH |
| ESD voltage Sensitive discharge device | ESD(HBM) | 50 | VDC |
| | ESD(MM) | 175 | |
| DC. Voltage VDC | | 5 | V |
| Input Power, max, CW 5000h, 50°C | | 15 | dBm |
| Operating Temperature Range | | -30 ~ +85 | °C |
| Storage Temperature Range | | -40 ~ +85 | °C |

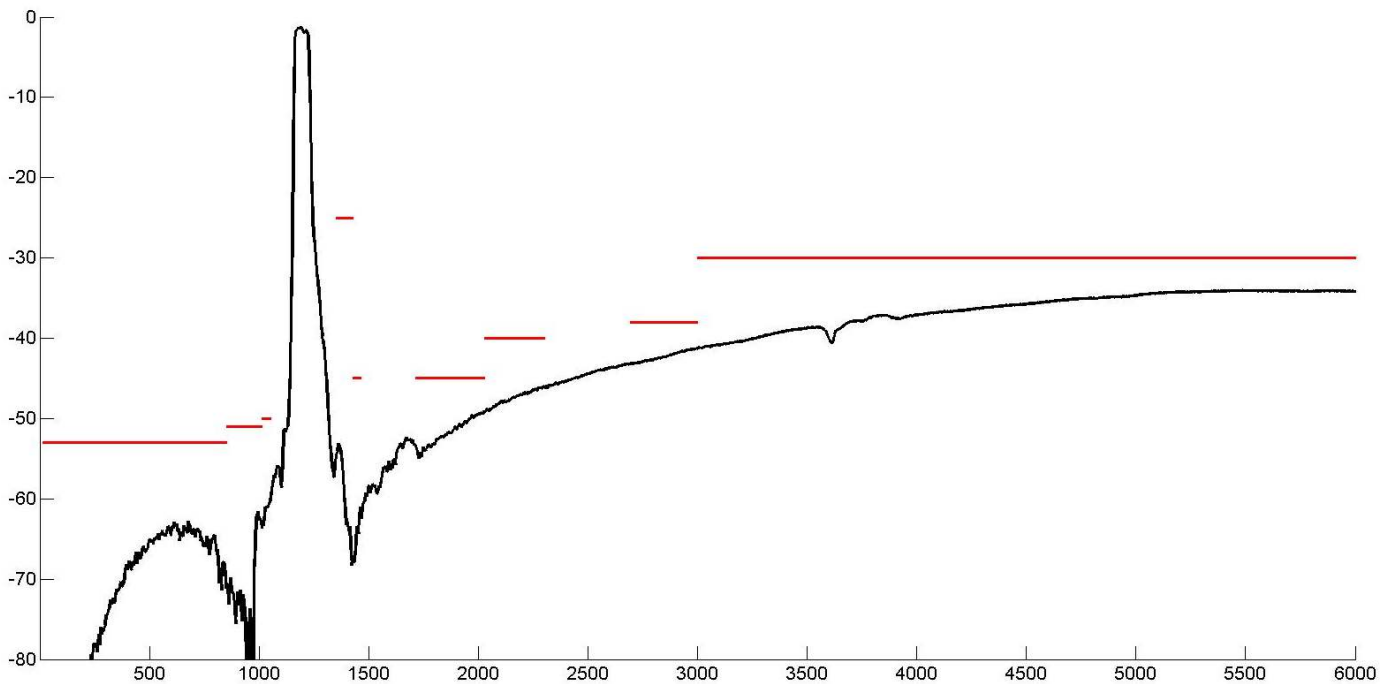
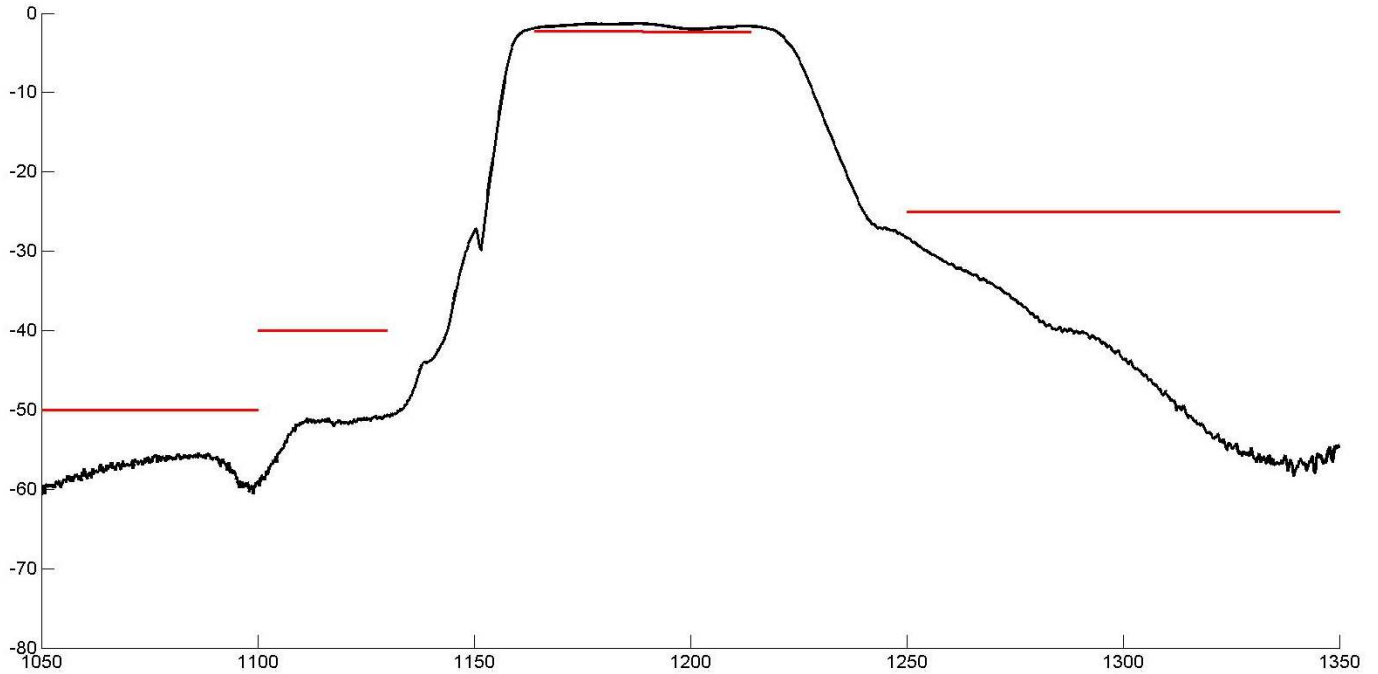
Dimension



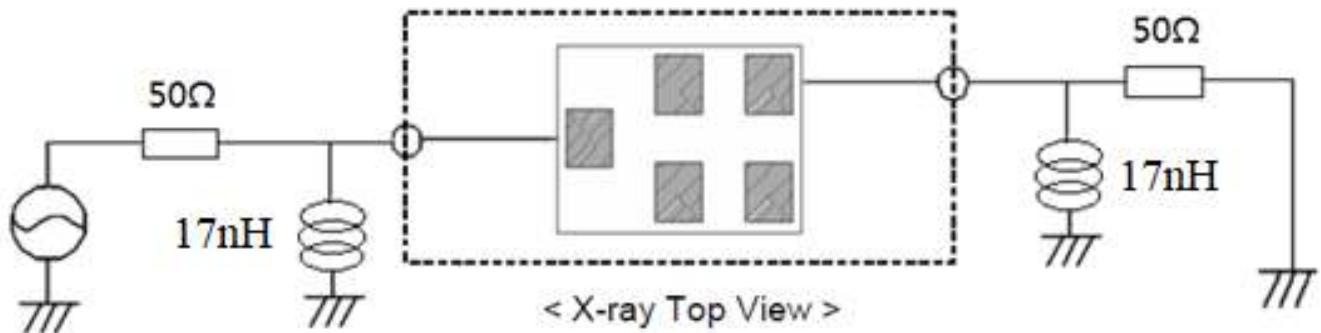
Unit: mm

| PIN # | PIN NAME | DESCRIPTION |
|-------|----------|-------------|
| 1 | IN | Input |
| 4 | OUT | Output |
| 2,3,5 | GND | Ground |

Frequency Characteristics



Test Circuit

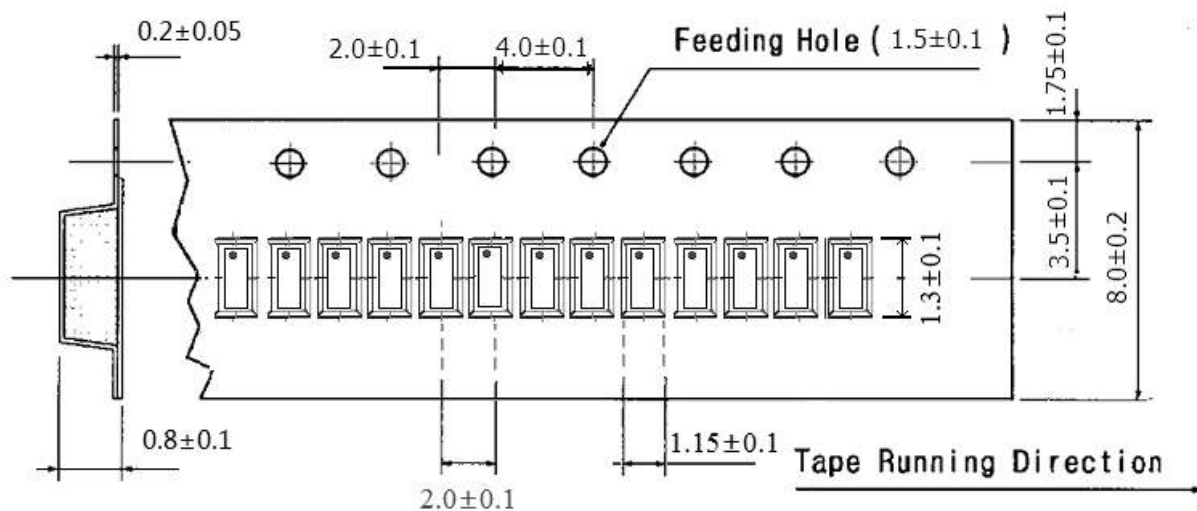


Environmental

| PARAMETER | VALUE |
|----------------------------|-----------|
| MOISTURE SENSITIVITY LEVEL | 2 |
| REACH – SVHC | Compliant |
| RoHS | Compliant |



Tape Dimension



● APPROVAL

| | |
|-------------|---------------------|
| DRAWN BY | ZZ, August 12, 2021 |
| APPROVED BY | AR, August 12, 2021 |
| REVISION | A, Initial Release |

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