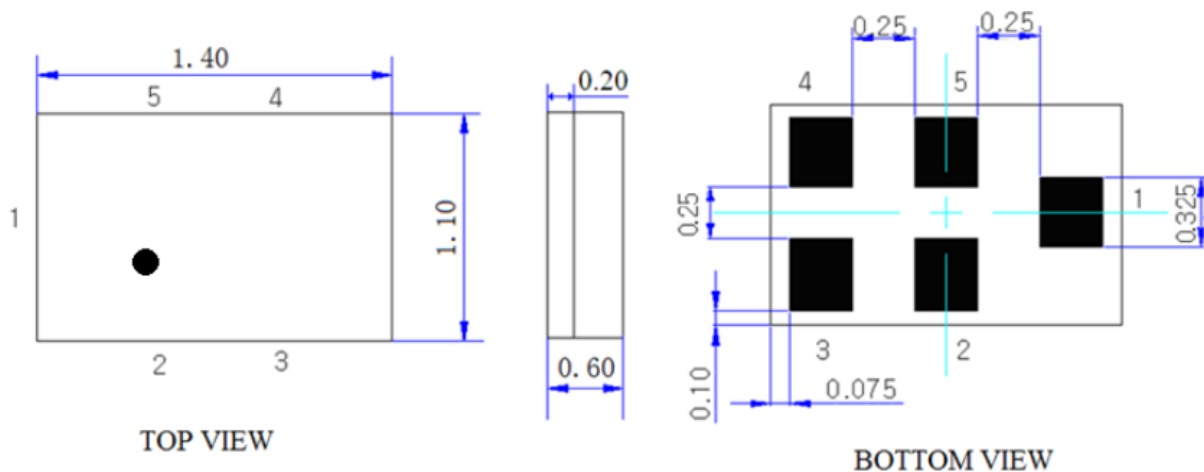


Electrical Specification

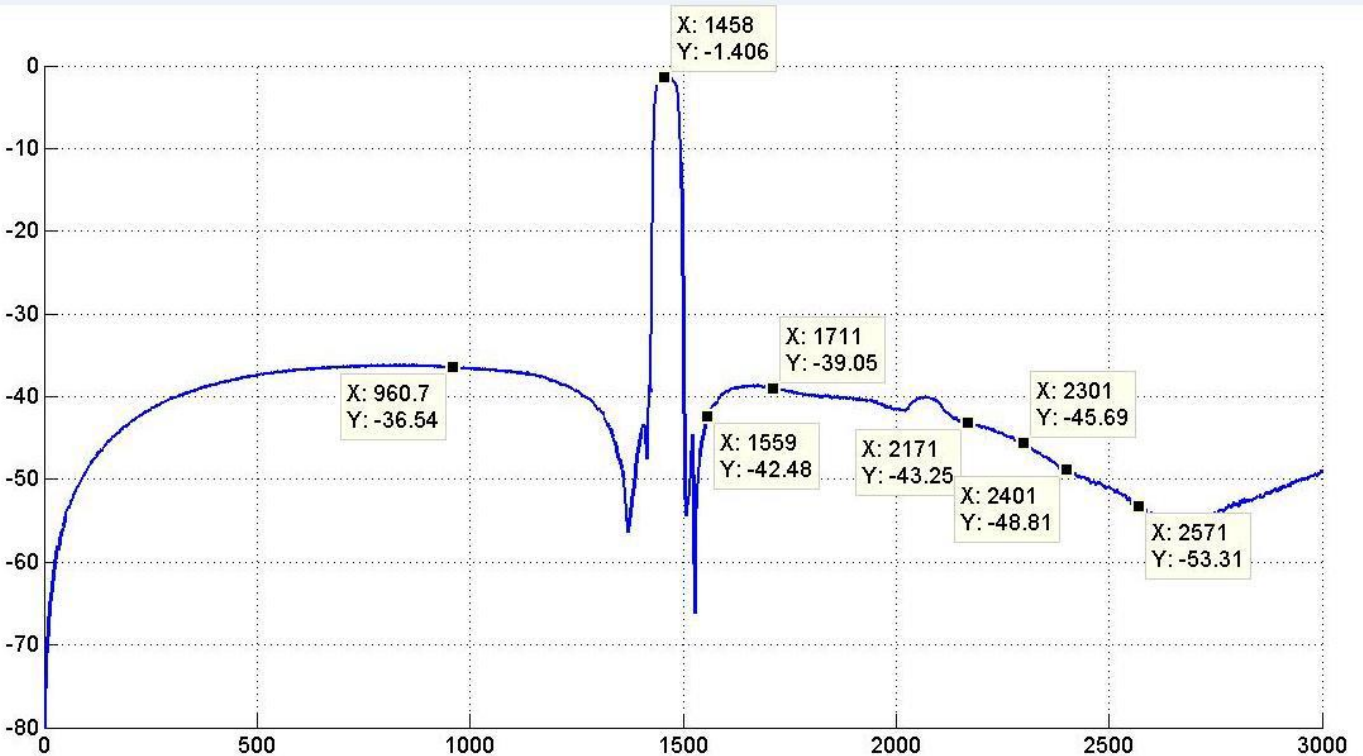
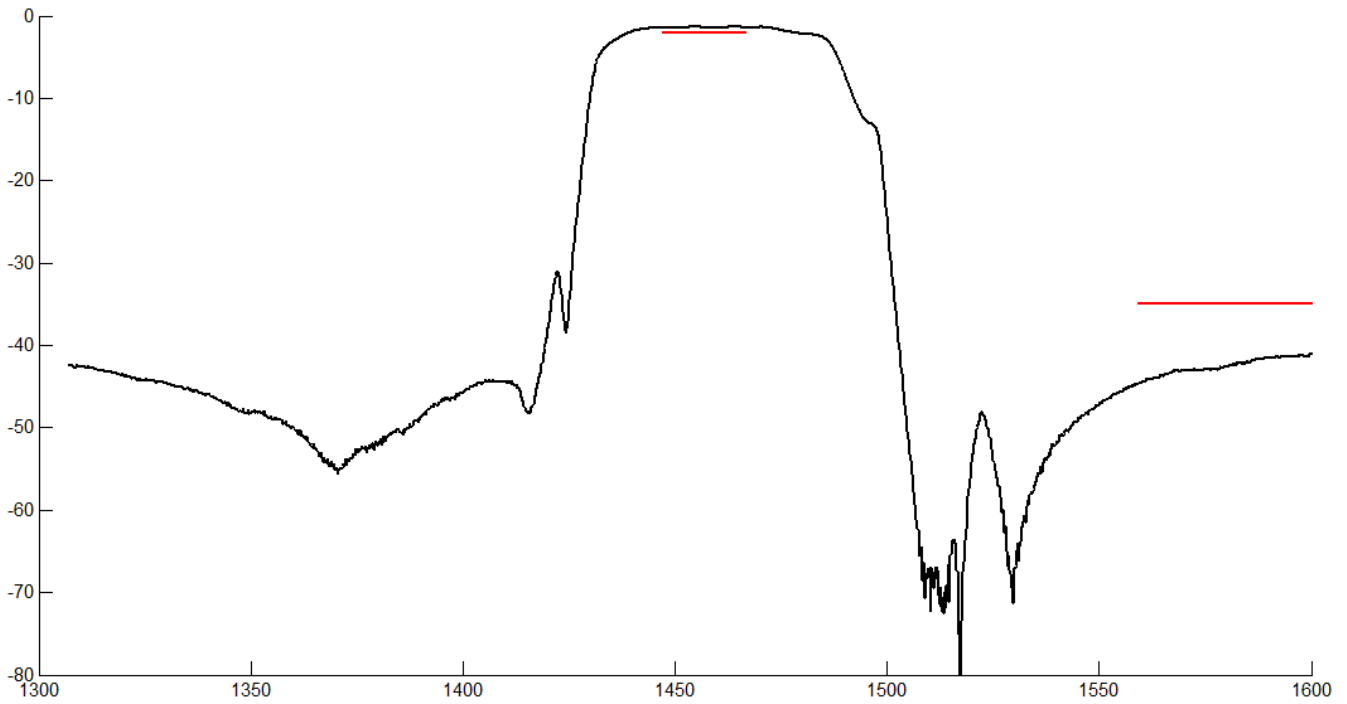
| Parameters | | Value | Unit |
|---|-------------------|-----------|--------------------|
| Center Frequency (Fo) | | 1457.000 | MHz |
| Insertion Loss, tpy/max | @ 1447 ~ 1467 MHz | 1.4 / 2.0 | dB |
| Amplitude Ripple | @ 1447 ~ 1467 MHz | 0.3 / 1.0 | dB |
| Input / Output VSWR | @ 1447 ~ 1467 MHz | 1.3 / 2.0 | - |
| Absolute Attenuation, tpy/min | @ 10 ~ 960 MHz | -33 / -36 | dB |
| | @ 1559 ~ 1606 MHz | -35 / -39 | dB |
| | @ 1710 ~ 2170 MHz | -35 / -39 | dB |
| | @ 2300 ~ 2400 MHz | -40 / -45 | dB |
| | @ 2400 ~ 2500 MHz | -40 / -48 | dB |
| | @ 2570 ~ 3000 MHz | -40 / -48 | dB |
| Terminating Impedance | Input | 50 | Ω |
| | Output | 50 | Ω |
| ESD voltage Sensitive discharge device | ESD(HBM) | 50 | VDC |
| | ESD(MM) | 175 | |
| DC. Voltage VDC | | 5 | V |
| Input Power, max, 2000h | | 29 | dBm |
| Operating Temperature Range | | -30 ~ +85 | $^{\circ}\text{C}$ |
| Storage Temperature Range | | -40 ~ +85 | $^{\circ}\text{C}$ |

Dimension

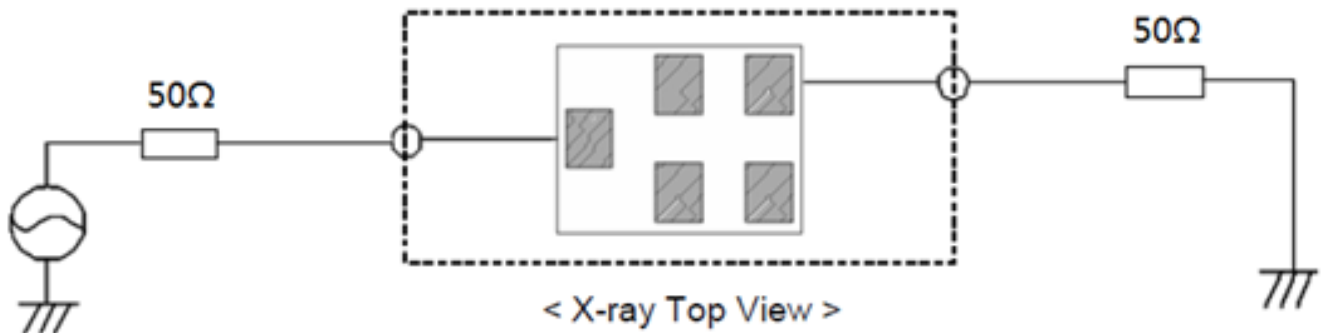


| PIN # | PIN NAME | DESCRIPTION |
|-------|----------|-------------|
| 1 | IN | Input |
| 4 | OUT | Output |
| 2,3,5 | GND | Ground |

Frequency Characteristics



Test Circuit

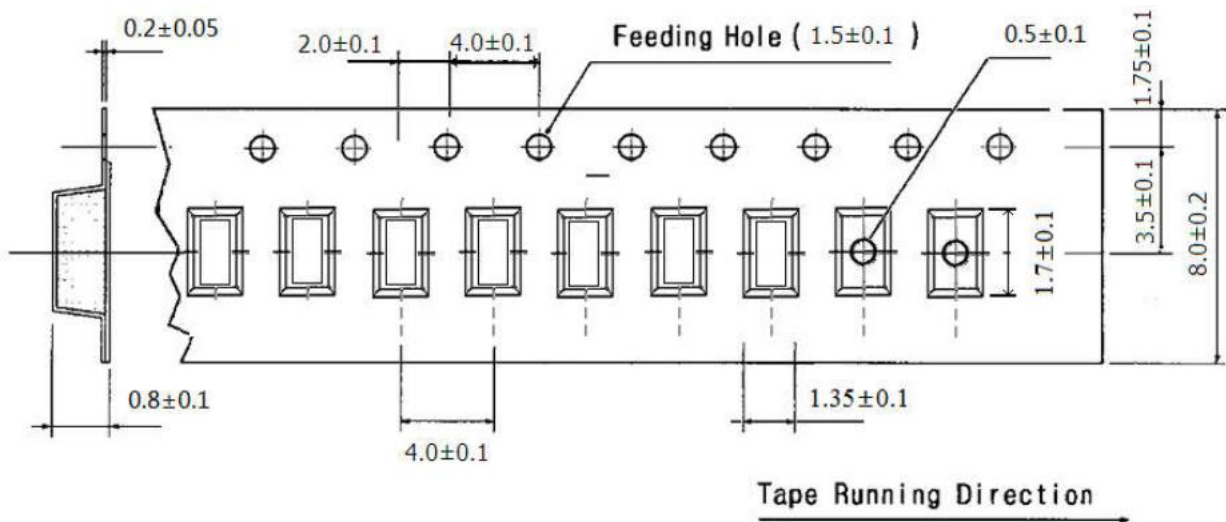


Environmental

| 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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