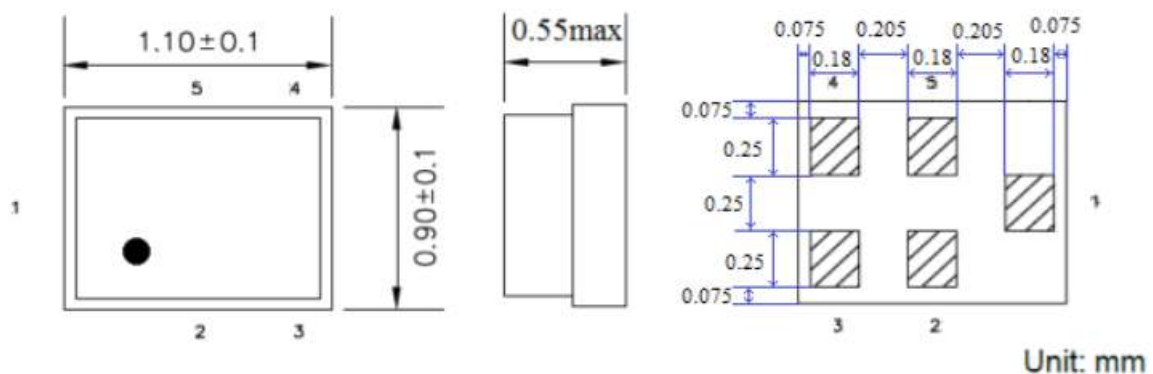


Electrical Specifications

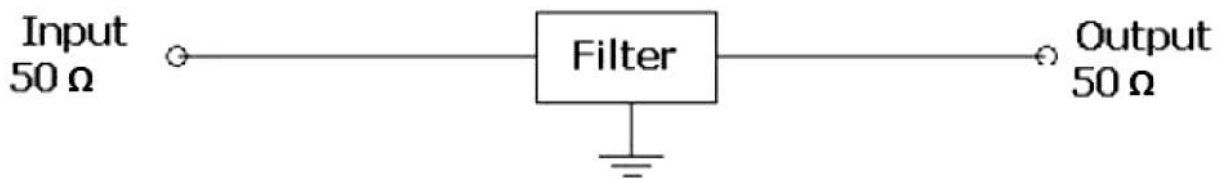
| Parameters | | Value | Unit |
|-------------------------------------|-------------------------|------------|------|
| Center Frequency (Fo) | | 1176.45 | MHz |
| Insertion Loss, typ/max | 1166.220 ~ 1186.680 MHz | 1.2 / 1.6 | dB |
| Amplitude Ripple, typ/max | 1166.220 ~ 1186.680 MHz | 0.4 / 1.0 | dB |
| VSWR, typ/max | Input | 1.4 / 2.0 | - |
| | Output | 1.4 / 2.0 | - |
| Attenuation, min/typ | 698 ~ 960 MHz | -33 / -36 | dB |
| | 1427 ~ 1511 MHz | -35 / -38 | dB |
| | 1700 ~ 2200 MHz | -30 / -39 | dB |
| | 2300 ~ 2400 MHz | -39 / -47 | dB |
| | 2400 ~ 2483 MHz | -38 / -49 | dB |
| | 2483 ~ 2690 MHz | -36 / -52 | dB |
| | 3400 ~ 3800 MHz | -30 / -45 | dB |
| | 4400 ~ 4900 MHz | -25 / -42 | dB |
| 5150 ~ 5950 MHz | -24 / -42 | dB | |
| DC Voltage | | 5 | V |
| Input Power, max (CW 5000h, 50°C) | | 15 | dBm |
| ESD Voltage ESD (MM) | | 50 | V |
| Sensitive Discharge Device ESD(HBM) | | 175 | V |
| Operating Temperature Range | | -30 to +85 | °C |
| Storage Temperature Range | | -40 to +85 | °C |
| MSL | | 2 | - |

Dimension

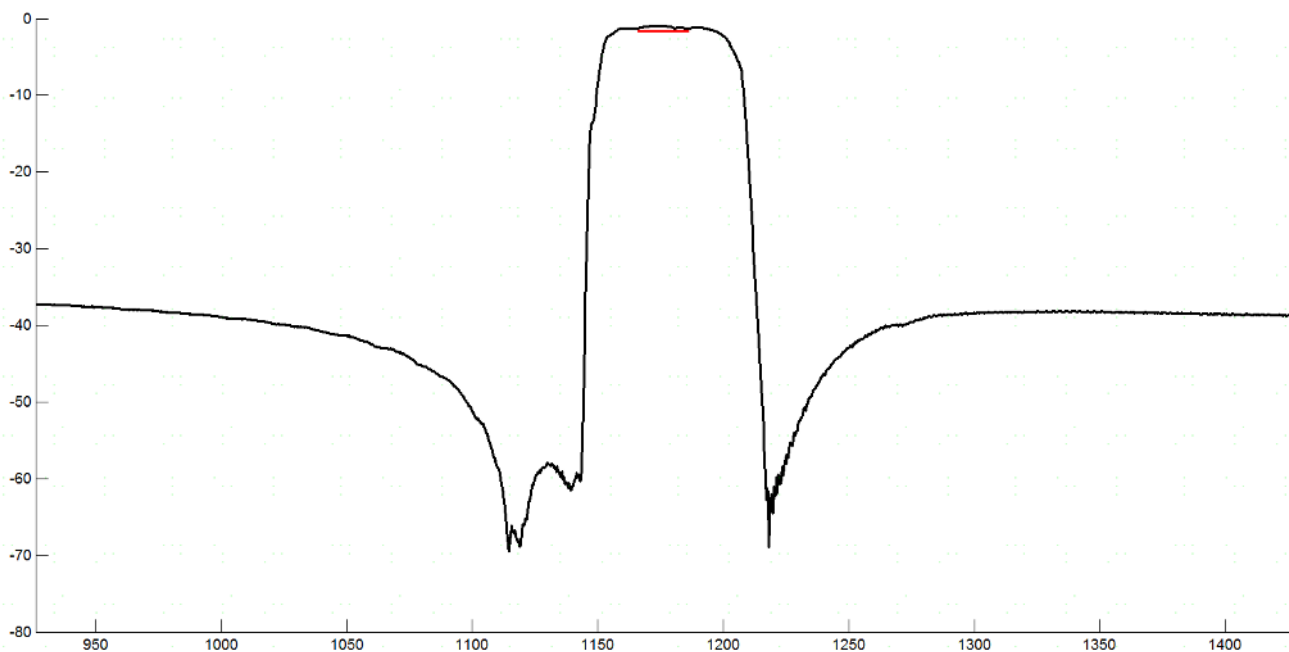


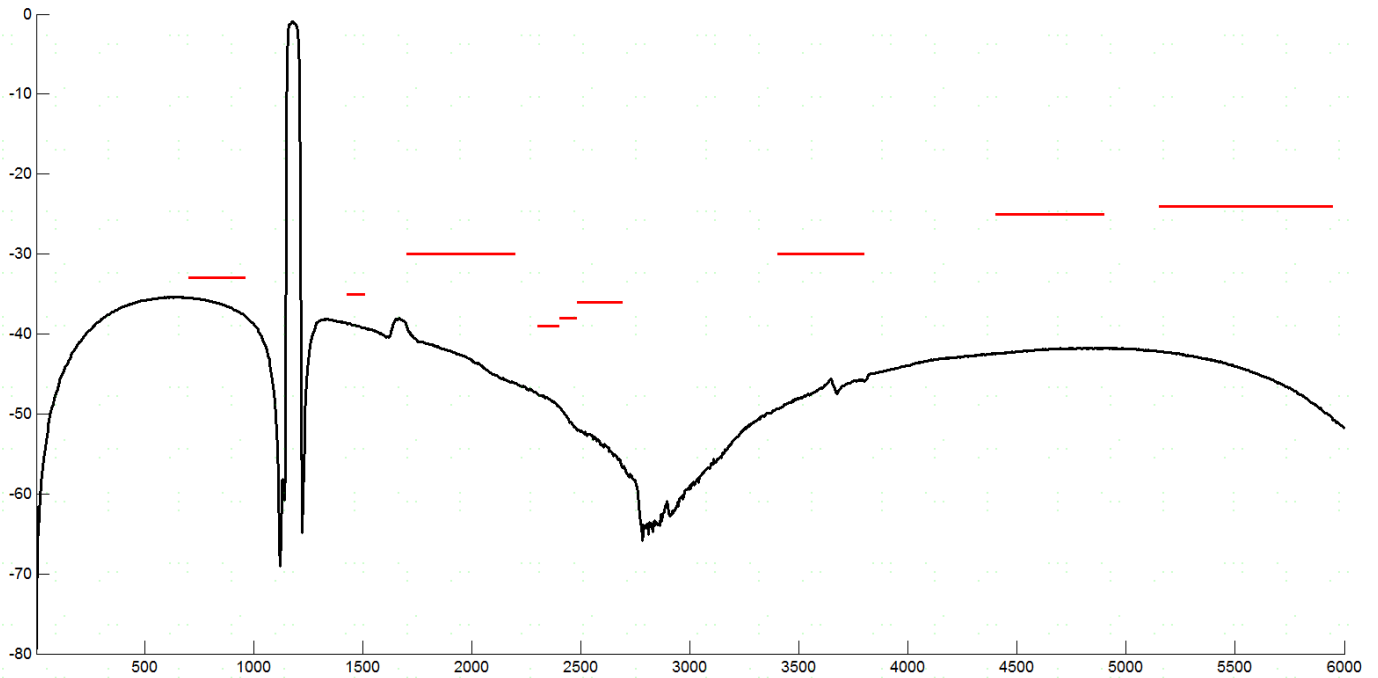
| PIN # | PIN NAME | DESCRIPTION |
|-------|----------|-------------|
| 1 | IN | Input |
| 4 | OUT | Output |
| 2,3,5 | GND | Ground |

Test Circuit

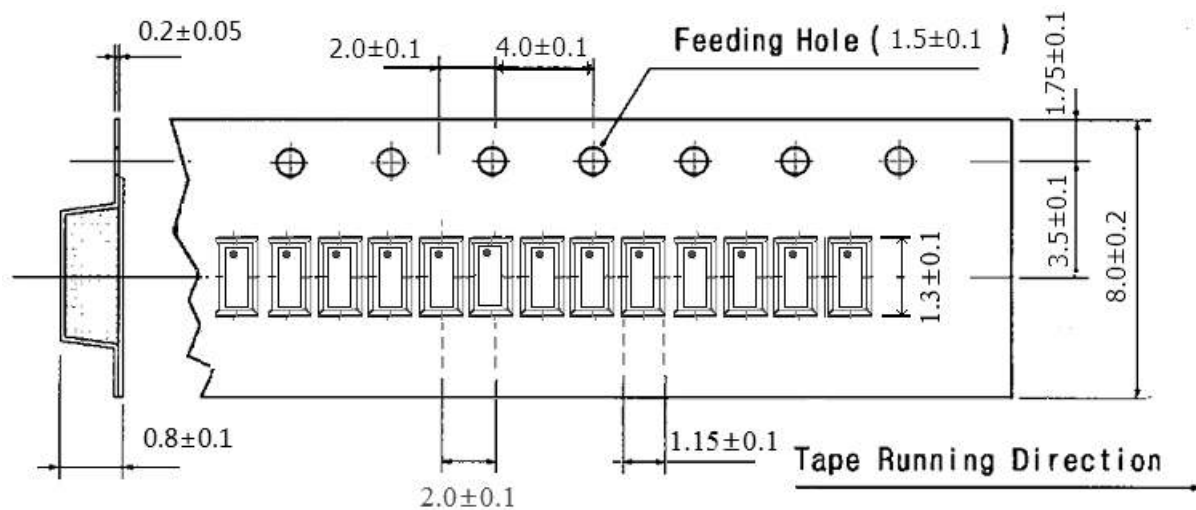


Frequency Characteristics





Tape Dimension



Environmental

| PARAMETER | VALUE |
|--------------|-------------|
| REACH – SVHC | Compliant |
| RoHS | Compliant |
| PACKAGING | TAPE & REEL |

● APPROVAL

| | |
|-------------|-----------------------|
| DRAWN BY | AR, December 10, 2020 |
| APPROVED BY | CP, December 10, 2020 |
| REVISION | A, Initial Release |



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