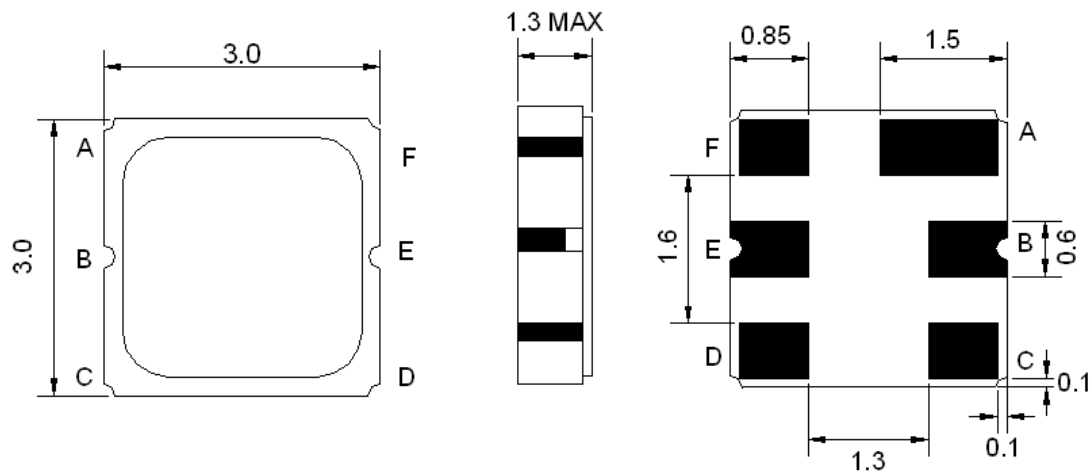


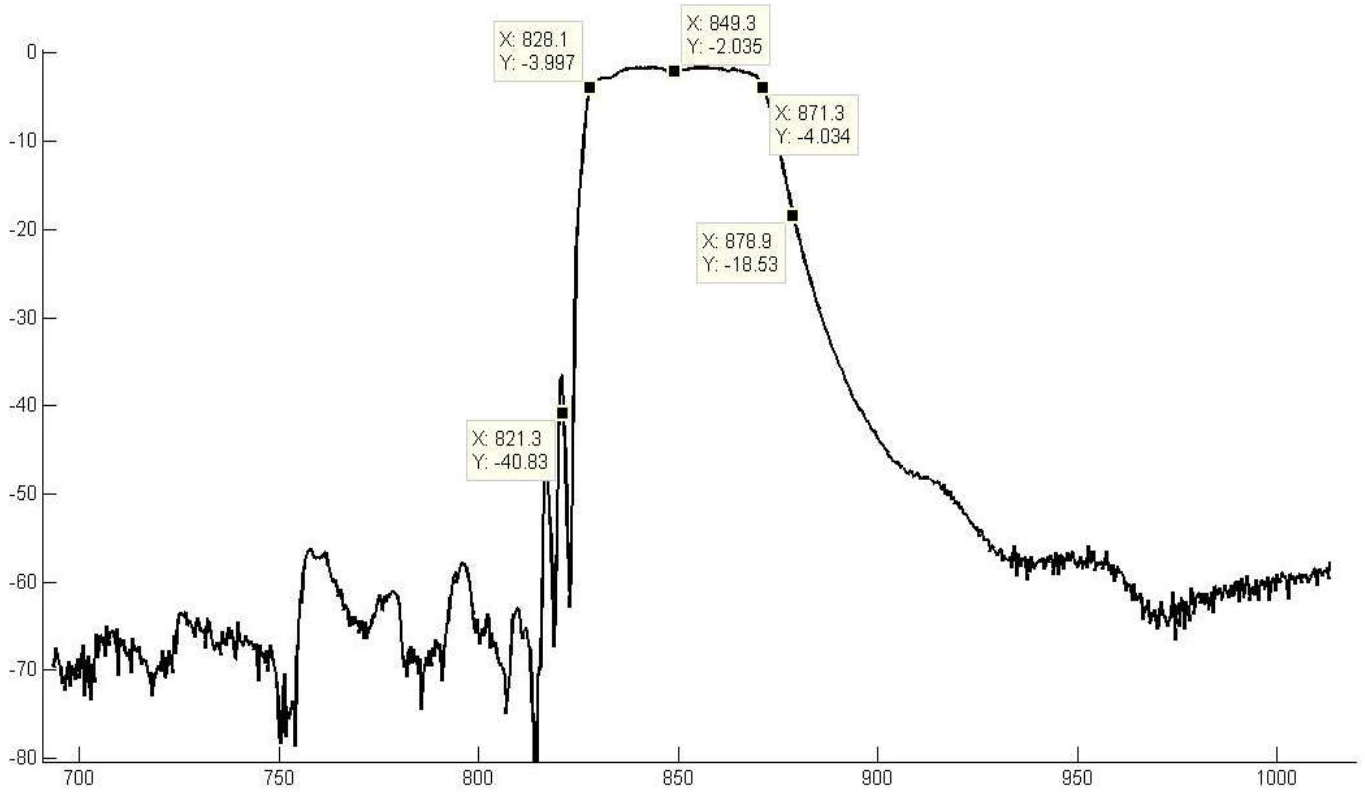
| Items | Specification | Unit | |
|---------------------------------|---------------|--------------------|----|
| Center frequency(Fo) | 849.500 | MHz | |
| Bandwidth | 41000 | kHz | |
| Insertion Loss in BW, typ/max | 3.2 / 4.2 | dB | |
| Amplitude Ripple in BW, typ/max | 1.2 / 2.2 | dB | |
| VSWR in BW, typ/max | 1.8 / 2.0 | | |
| Attenuation min/typ | 769.0 MHz | -50 / -58 | dB |
| | 820.0 MHz | -35 / -40 | dB |
| | 880.0 MHz | -17 / -20 | dB |
| | 900.0 MHz | -40 / -44 | dB |
| In/Out Impedance | 50 | Ω | |
| Input power, max | 15 | dBm | |
| Operation Temperature | -40 to +85 | $^{\circ}\text{C}$ | |
| Storage Temperature | -45 to +85 | $^{\circ}\text{C}$ | |

Dimension

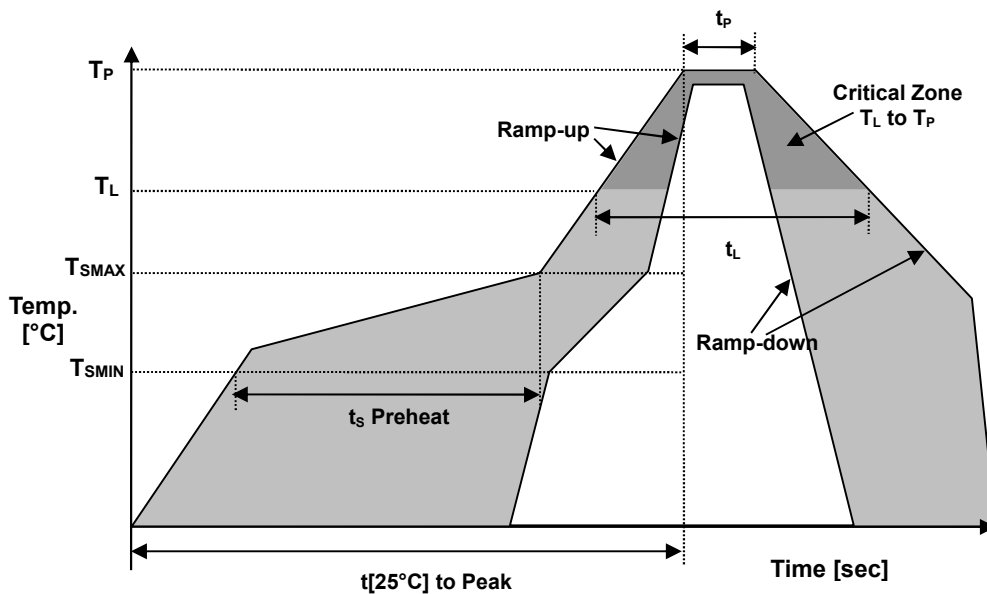


| Pin Description | |
|-----------------|--------|
| A, C, D, F | Ground |
| B | In |
| E | Out |

Frequency Characteristics



REFLOW PROFILE



| Reflow profile | | |
|-------------------------------------|-----------------|--------------|
| Temperature Min Preheat | T_{SMIN} | 150°C |
| Temperature Max Preheat | T_{SMAX} | 200°C |
| Time (T_{SMIN} to T_{SMAX}) | t_s | 60-180 sec. |
| Temperature | T_L | 217°C |
| Peak Temperature | T_P | 260°C |
| Ramp-up rate | R_{UP} | 3°C/sec max. |
| Ramp-down rate | R_{DOWN} | 6°C/sec max. |
| Time within 5°C of Peak Temperature | t_p | 10 sec. |
| Time t[25°C] to Peak Temperature | t[25°C] to Peak | 480 sec. |
| Time | t_L | 60-150 sec. |

Environmental

| PARAMETER | VALUE |
|----------------------------|-----------|
| MOISTURE SENSITIVITY LEVEL | 1 |
| REACH – SVHC | Compliant |
| RoHS 2 | 6/6 |

April 2016