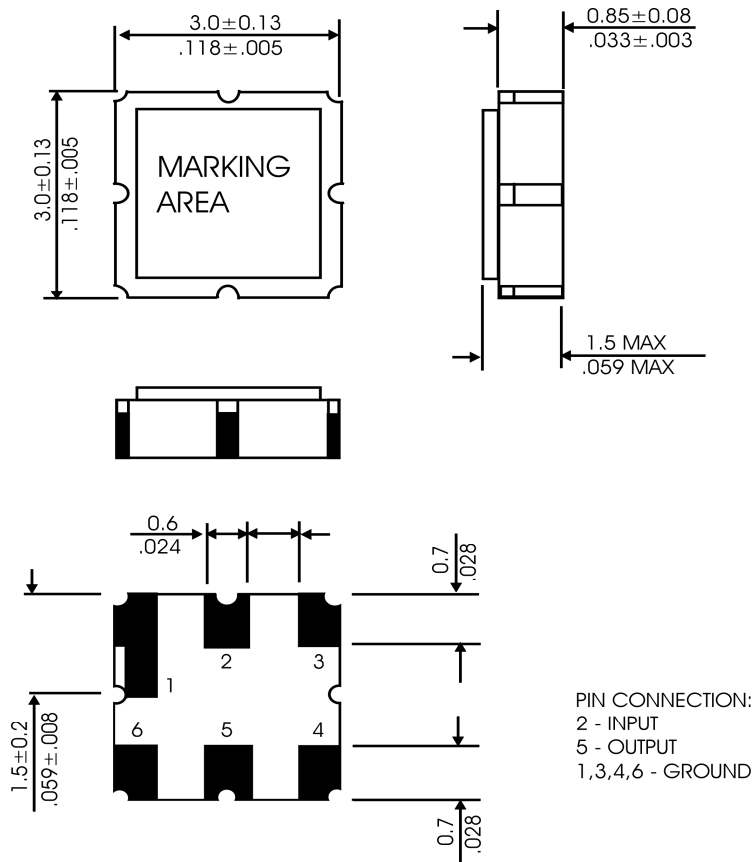
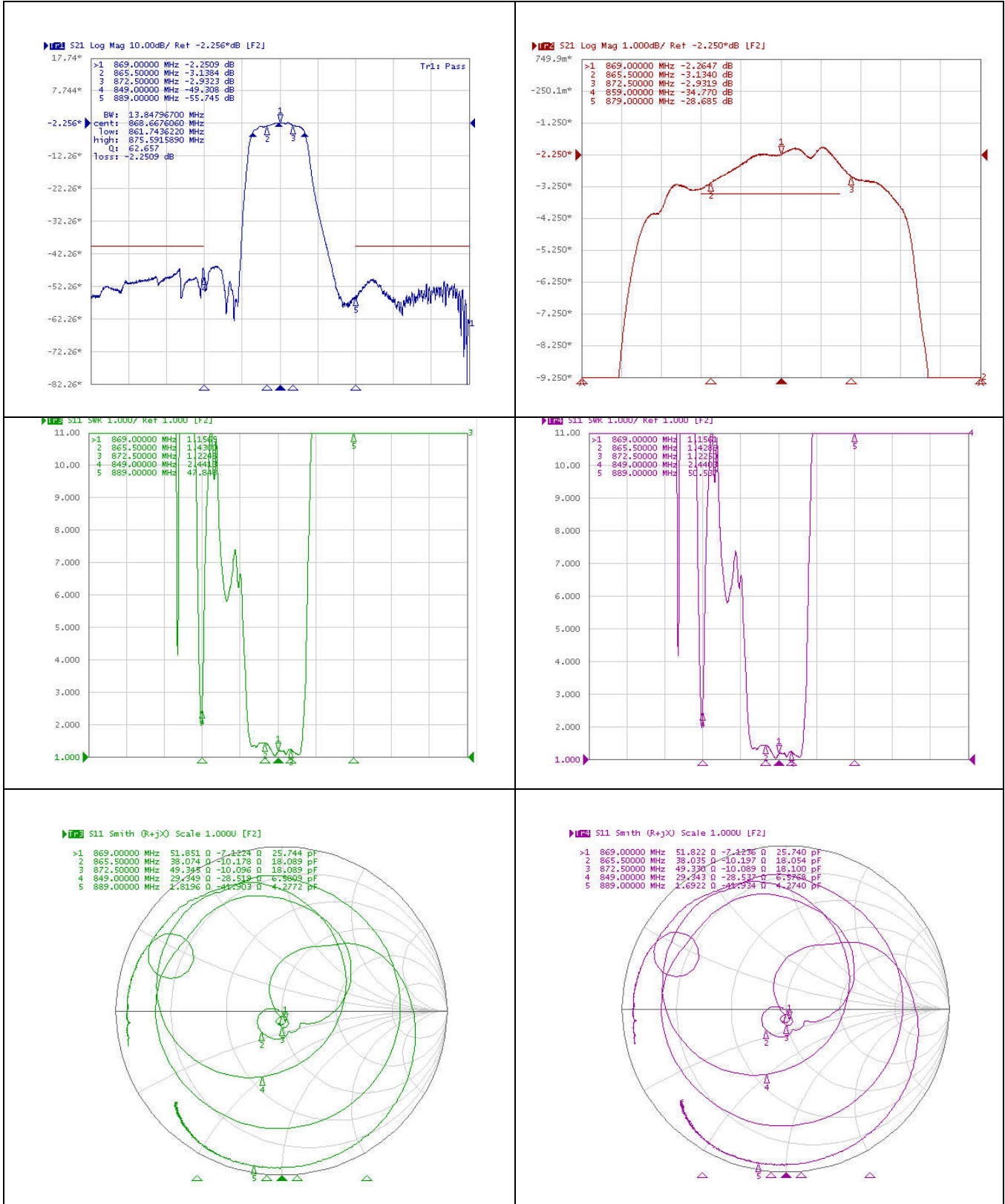


| Items                          | Specification      | Unit   |
|--------------------------------|--------------------|--------|
| Center frequency (fo)          | 869.000            | MHz    |
| Bandwidth                      | 7000               | kHz    |
| Insertion Loss (BW), Maximum   | 3.5                | dB     |
| Amplitude Ripple (BW), Maximum | 2.0                | dB max |
| Relative Attenuation           | 0.3 MHz ~ 849 MHz  | 40     |
|                                | 889 MHz ~ 980 MHz  | 30     |
|                                | 980 MHz ~ 1500 MHz | 40     |
| DC Voltage, Maximum            | 10V                |        |
| In/Out Impedance               | 50Ω                |        |
| Operation Temperature          | -40°C to +85°C     |        |
| Storage Temperature            | -40°C to +85°C     |        |

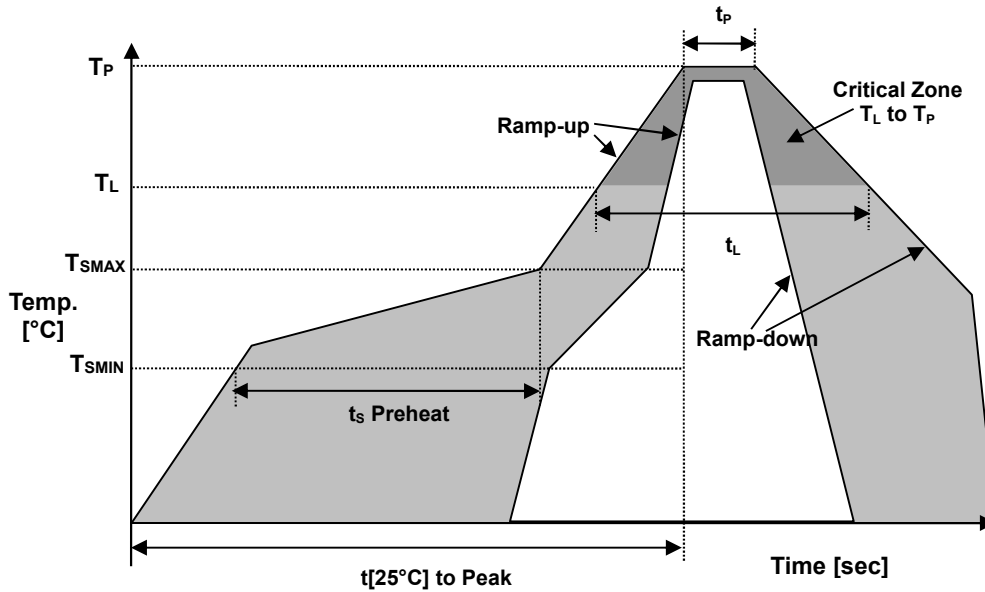
### Dimension



### 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 $t[25^\circ\text{C}]$ to Peak Temperature | $t[25^\circ\text{C}]$ to Peak | 480 sec.     |
| Time   | $t_L$                         | 60-150 sec.  |

### Environmental

| PARAMETER                  | VALUE       |
|----------------------------|-------------|
| MOISTURE SENSITIVITY LEVEL | 1           |
| TERMINATION FINISH         | Au          |
| REACH – SVHC               | Compliant   |
| RoHS 2                     | 6/6         |
| PACKAGING                  | TAPE & REEL |



April 2016