



## Specification

### Crystal Filter 70MHz

Part Number: 70M30C54

| Item                                                  | Typical       |
|-------------------------------------------------------|---------------|
| Nominal Frequency ( MHz, $f_0$ )                      | 70            |
| Insertion Loss ( dB )                                 | $\leq 5.0$    |
| Ripple Within Pass Band ( dB )                        | $\leq 1.5$    |
| Bandwidth at -3 dB ( kHz )                            | $\geq \pm 15$ |
| Bandwidth at 60 dB Attenuation ( kHz )                | $\leq \pm 55$ |
| Bandwidth at 70 dB Attenuation ( kHz )                | $\leq \pm 70$ |
| Attenuation at $f_0 \pm 910\text{MHz}$ (dB)           | $\geq 60$     |
| Group Delay Distortion (us) at $f_0 \pm 10\text{kHz}$ | $\leq 10.0$   |
| Spurious Responses ( dB )                             | 50            |
| I/O Impedance ( $\Omega$ )                            | 50            |
| Operation Temperature ( $^{\circ}\text{C}$ )          | -20 ~ +85     |
| Storage Temperature ( $^{\circ}\text{C}$ )            | -45 ~ +85     |
| Package Size ( mm )                                   | 37x16x11      |

