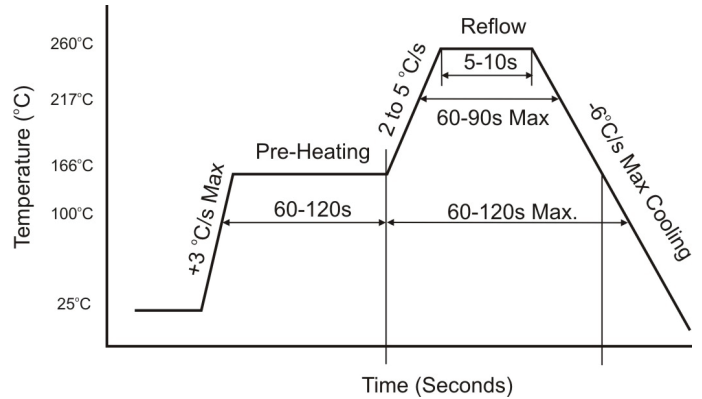


Standard Specifications

| Parameter | Symbol | Specification | Remarks |
|-----------------------------|--------------|-------------------------|--|
| Frequency Range | f_0 | 12.0 to 56.0 MHz | |
| Frequency Tolerance | $\Delta f/f$ | ± 30 PPM (Std) | at 25°C with 100 μ W (Higher tolerances are available) |
| Frequency Stability | Over OTR | ± 50 PPM (Standard) | From ± 10 PPM depending on OTR |
| Operating Temperature Range | T_{OPR} | -10°C to +60°C | -40°C to +85°C also available |
| Storage Temperature Range | T_{STG} | -55°C to +125°C | |
| Load Capacity | C_L | 30pF (Std value) | Please specify |
| Drive-Level | D_L | 100.0 μ W Typ. | 0.5mW Max |
| Shunt Capacitance | C_0 | 5.0pF Typ. | |
| Dynamic Capacitance | C_1 | 20.0fF Typ. | |
| Ageing | Fa | ± 5.0 PPM | at 25°C $\pm 3^\circ$ C 1st Year |

| Frequency Range | Mode | ESR | Reflow Solder Condition (260°C) |
|--------------------|-------------|-------------|---------------------------------|
| 12.00 to 19.99 MHz | Fundamental | 80 Ω | |
| 20.00 to 20.99 MHz | Fundamental | 80 Ω | |
| 30.00 to 56.00 MHz | Fundamental | 60 Ω | |



Dimensions (mm)

1000pcs per Reel

