

High temperature solder exemption - In accordance with RoHS 2002/95/EC Annex 7

Standard Specifications

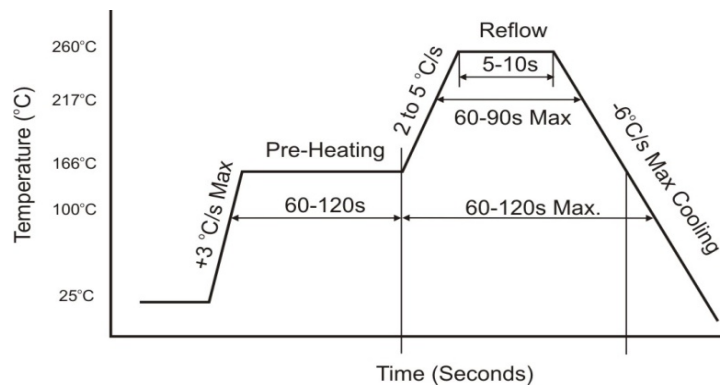
Parameter	Symbol	Specification	Remarks
Frequency Range	f_0	3.50 to 70.00 MHz	
Frequency Tolerance	$\Delta f/f$	± 30 PPM	at 25°C with 100 μ W
Frequency Stability	Over OTR	± 50 PPM (Standard)	
Operating Temperature Range	T_{OPR}	-40°C to +85°C	See Table
Storage Temperature Range	T_{STG}	-55°C to +125°C	
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	7.0pF Typ.	
Dynamic Capacitance	C_1	20.0fF Typ.	
Ageing	Fa	± 5.0 PPM	at 25°C $\pm 3^\circ$ C 1st Year

Additional Specifications

Freq Range	Mode	ESR
3.50 to 3.99 MHz	Fundamental	200 Ω
4.00 to 5.99 MHz	Fundamental	150 Ω
6.00 to 9.99 MHz	Fundamental	100 Ω
10.00 to 30.00 MHz	Fundamental	50 Ω
30.00 to 35.99 MHz	3rd Overtone	100 Ω
36.00 to 70.00 MHz	3rd Overtone	80 Ω

Note: Do not connect pins #2 and #3 externally
Suitable for automotive & AV applications

Reflow Solder Condition



Dimensions (mm)

