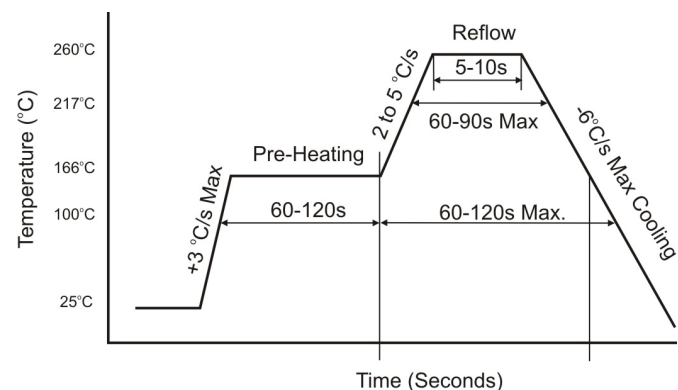


Standard Specifications

Parameter	Symbol	Specification	Remarks
Frequency Range	f_0	3.50 to 70.0 MHz	
Frequency Tolerance	$\Delta f/f$	±50PPM	at 25°C with 100μW
Frequency Stability	Over OTR	±50PPM (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	100.0μW Typ.	0.5mW Max
Shunt Capacitance	C_0	7.0pF Typ.	
Dynamic Capacitance	C_1	20.0fF Typ.	
Ageing	Fa	±5.0PPM	at 25°C ±3°C 1st Year

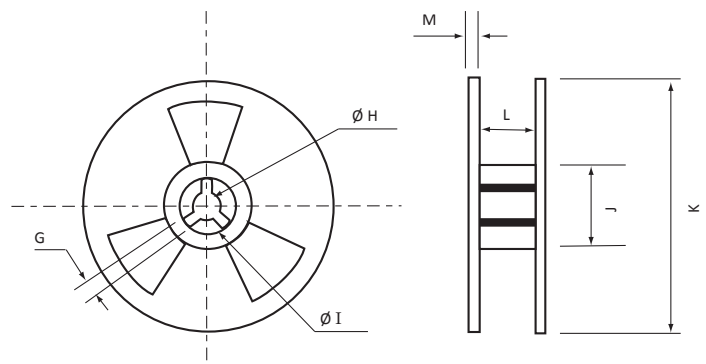
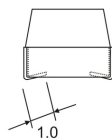
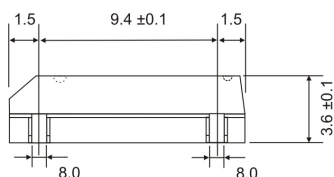
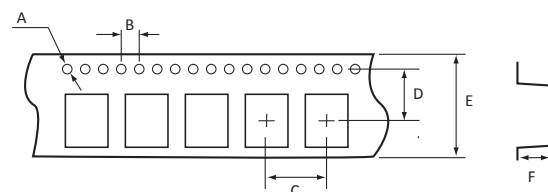
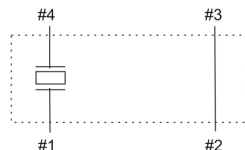
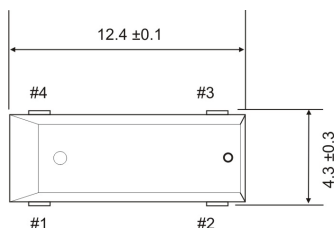
Frequency Range	Mode	ESR	Reflow Solder Condition (260°C)
3.00 to 3.99 MHz	Fundamental	300 Ω	
4.000 to 5.99 MHz	Fundamental	150 Ω	
6.00 to 9.99 MHz	Fundamental	100 Ω	
10.0 to 29.99 MHz	Fundamental	50 Ω	
30.0 to 35.99 MHz	3rd Overtone	100 Ω	
36.0 to 70.99 MHz	3rd Overtone	80 Ω	

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

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

Dimensions (mm)

1000pcs per Reel



A	B	C	D	E	F	G	H	I	J	K	L
1.5	4.0	8.0	11.7	24.0	5.5	2.5	13.5	21.0	100	330	24.0