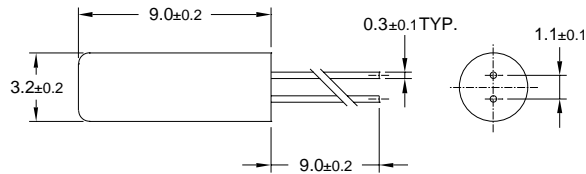
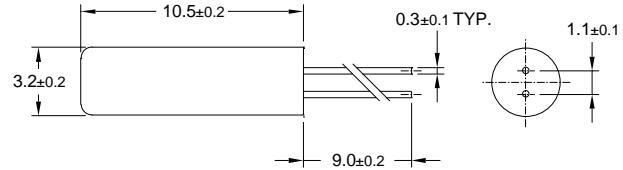


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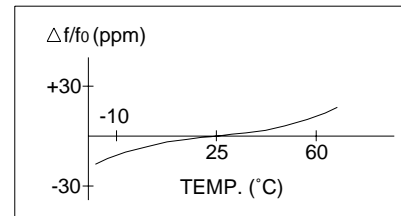


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EQUIVALENT SERIES RESISTANCE (R)		
FREQUENCY	R ₁	MODE
3.5 MHz ≤ F _o < 4.0 MHz	200	FUNDAMENTAL (Ω Maximum)
4.0 MHz ≤ F _o < 6.0 MHz	150	
6.0 MHz ≤ F _o < 10.0 MHz	100	
10.0 MHz ≤ F _o < 12.0 MHz	60	
12.0 MHz ≤ F _o < 30.0 MHz	50	
30.0 MHz ≤ F _o < 36.0 MHz	100	3rd OVERTONE (Ω Maximum)
36.0 MHz ≤ F _o < 70.0 MHz	80	

FREQUENCY vs TEMPERATURE CURVE



SPECIFICATION		
SERIES NUMBER	QSC - 309	QSC - 310
NOMINAL FREQUENCY	3.5 MHz to 3.9 MHz	4 MHz to 30 MHz (Fundamental) 30 MHz to 70 MHz (3rd Overtone)
FREQUENCY TOLERANCE	±30ppm or ±50ppm	
OPERATING TEMPERATURE RANGE	-10°C to +60°C	
STORAGE TEMPERATURE RANGE	-40°C to +85°C	
FREQUENCY TEMPERATURE CHARACTERISTICS	±30ppm or ±50ppm	
EQUIVALENT SERIES RESISTANCE	Refer Table Above	
LOAD CAPACITANCE	16.0pF Typical	
DRIVE LEVEL	100μW	
SHUNT CAPACITANCE	5.0pF Maximum	
AGING AT 25°C	±5ppm Maximum	
INSULATION RESISTANCE DC100V ±15V	500MΩ Minimum	
SEALING	1x10 ⁻² μPa·m ³ /s Maximum	