

PRODUCTS







Cylindrical Crystal (Through Hole)

Typical Applications:

Consumer Electronic

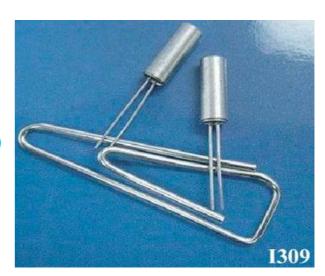
Microcontrollers and Processors

I309

(Through Hole Cylindrical Crystal Series)

Part Number: I309-Freq-CL

Example: I309-4.000-18



■ Specification I309 Part No. Example I309-Freq-CL 1309-4.000-18

Specification	I309	
Frequency Range	3.579545 to 70.0MHz	
Mode of Oscillation	Fundamental / 3rd Overtone	
Tolerance at 25°C	±30 to ±50ppm	
Temperature Stability	±30 to ±50ppm	
Operating Temperature Range	-20°C to +70°C	
Storage Temperature Range	-40°C to +85°C	
Load Capacitance	12 to 32pF / Series	
ESR	* See Table Below	
Drive Level	100μW Max.	
Aging	±5ppm/year Max.	

* I309 ESR Table

Oscillation Mode	Frequency Range (MHz)	ESR (Ohm)
Fundamental	3.579545 to 3.9	200 Max.
	4.0 to 5.9	150 Max.
	6.0 to 9.9	100 Max.
	10.0 to 26.9	60 Max.
	27.0 to 30.0	30 Max.
3rd Overtone	30.0 to 70.0	100 Max.

