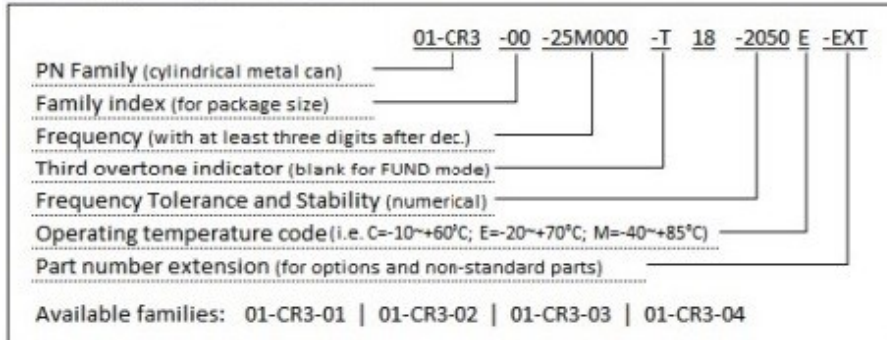


QUARTZ CRYSTAL UNIT IN METAL CYLINDER PACKAGES OF VARIOUS SIZES WITH 2 LEADS.

01-CR1-0x

PART NUMBER SYNTAX



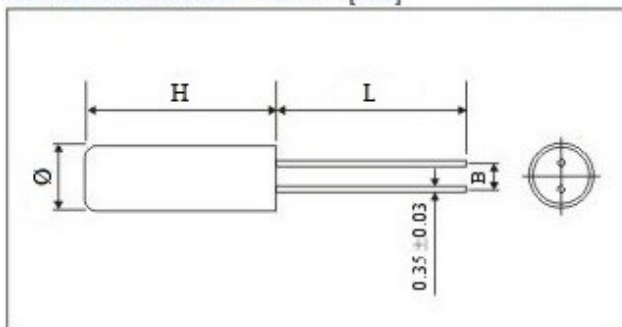
PRODUCT SPECIFICATIONS

Frequency Range (Fo)	3.500MHz to 66.000MHz		
Frequency Tolerance at 25°C ($\Delta f/f_0$)	± 50 ppm (typ)	± 30 ppm	± 50 ppm
Temperature Stability (REF TO 25°C)	± 50 ppm (typ)	± 50 ppm	± 100 ppm
Operating Temperature Range (TOPR)	-10°C to 70°C		
Storage Temperature Range (TSTR)	-40°C to 85°C		
Shunt Capacitance (Co)	7pF Max		
Load Capacitance (CL)	10 to 32pF or Series Resonant		
Insulation Resistance	500 Mega ohms Minimum at 100V DC		
Drive Level	1 m Watts Max		
Aging (at 25°C)	± 5 ppm/year Max		

EQUIVALENT SERIES RESISTANCE ESR

Frequency Range	Max ESR(Ω)	Mode	Frequency Range	Max ESR(Ω)	Mode
3.579MHz to 4.999MHz	200	Fundamental/AT	10.000MHz to 14.999MHz	60	Fundamental/AT
5.000MHz to 5.999MHz	150	Fundamental/AT	15.000MHz to 15.999MHz	50	Fundamental/AT
6.000MHz to 7.999MHz	120	Fundamental/AT	16.000MHz to 23.999MHz	35	Fundamental/AT
8.000MHz to 8.999MHz	90	Fundamental/AT	24.000MHz to 30.000MHz	30	Fundamental/AT
9.000MHz to 9.999MHz	80	Fundamental/AT	30.000MHz to 66.000MHz	100	3rd overtone/AT

MECHANICAL DIMENSIONS [mm]



PN	TYPE	ϕ	H	L	B
01-CR3-01	2 × 6	2.1	6.2	6	0.8
01-CR3-02	3 × 8	3.1	8.3	10	1.1
01-CR3-03	3 × 9	3.1	9.3	10	1.1
01-CR3-04	3 × 10	3.2	10.3	10	1.1

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