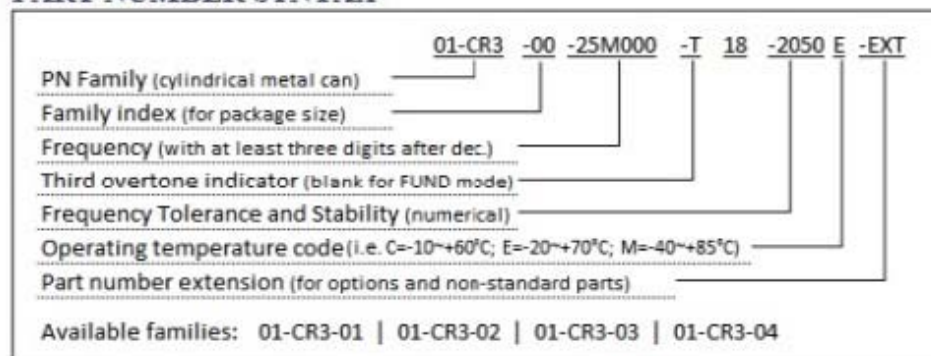


QUARTZ CRYSTAL UNITS IN CYLINDRICAL METAL CAN PACKAGES

PART NUMBER SYNTAX



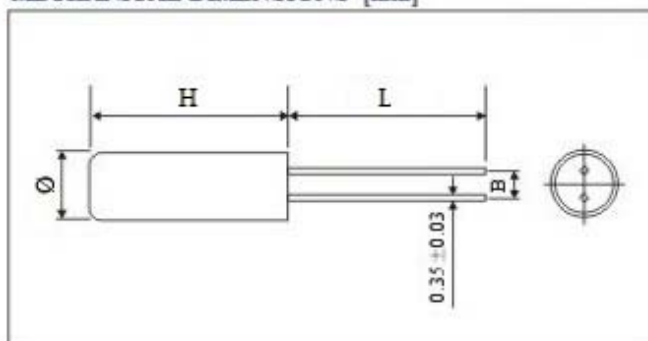
PRODUCT SPECIFICATIONS

Frequency Range (Fo)	3.500MHz to 66.000MHz		
Frequency Tolerance at 25°C ($\Delta f/f_0$)	±50ppm (typ)	±30ppm	±50ppm
Temperature Stability (REF TO 25°C)	±50ppm (typ)	±50ppm	±100ppm
Operating Temperature Range (TOPR)	-10°C to 70°C		
Storage Temperature Range (TSTG)	-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	1m Watts Max		
Aging (at 25°C)	±5ppm/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	∅	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