HIGH FREQUENCY CYLINDRICAL TYPE MICROPROCESSOR CRYSTAL

AB308



RoHS Compliant

8.8 x ⊠ 3.2

FEATURES:

- High stability by tight vacuum sealing
- Miniature high frequency cylinder type crystal

STANDARD SPECIFICATIONS:

APPLICATIONS:

- Suitable for wide range of application
- Clocks for microprocessor
- Consumer electronics
- Test equipment
- Computer peripherals

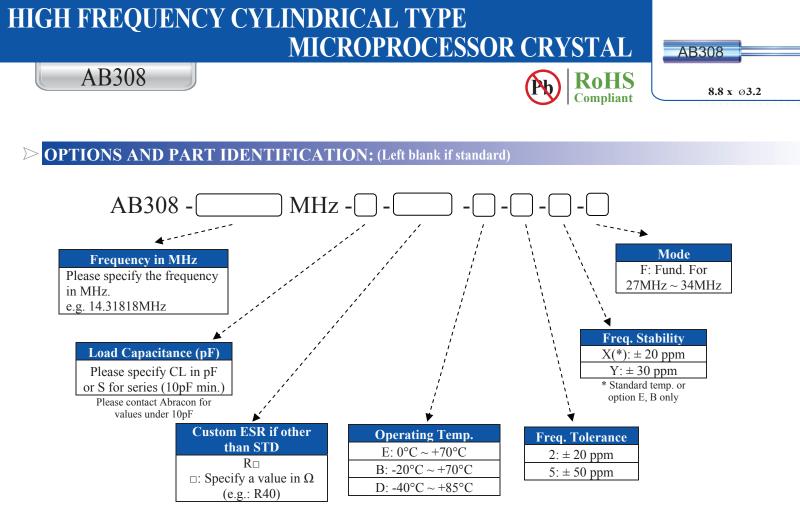
Parameters	Minimum	Typica l	Maximu m	Units	Notes
Fre que ncy Range	4.001		26.999		Fund amental (std.)
	27.000		70.000	MHz	3 rd Overtone (std.)
	27.000		34.000		Fund amental (see options)
Operation Mode	Fund amental or 3 rd Overtone				
Operating Temperature	-10		+60	°C	See options
Storage Temperat ure	-40		+85	°C	
Fre que ncy Tolerance @+25 °C			±30	ppm	See options
Frequen cy Stability over the Operating Temp erature (ref. to +25 °C)			±50	ppm	See options
Equivalent series resistance (R1)	See table 1 below		Ω		
Shunt capacitance (C0)			5	pF	
Load capacitance (CL)	16 std.		pF	See options	
Drive Level			100	μW	
Aging@25°C±3°C			±5	ppm	First year
Insulati on Resistance	500			MΩ	(a) $100 \text{ Vdc} \pm 15 \text{ V}$

Table 1 - s tandard ESR

Frequency (MHz)	$\mathrm{ESR}(\Omega)$ max.	Operation Mode
4.001 - 5.999	150	Fundamental
6.000 - 9.999	100	Fundamental
10.000 - 26.999	50	Fundamental
27.000 - 34.000	50	Fundamental
27.000 - 36 .000	100	3 rd Overtone
36.001 - 70 .000	80	3 rd Overtone





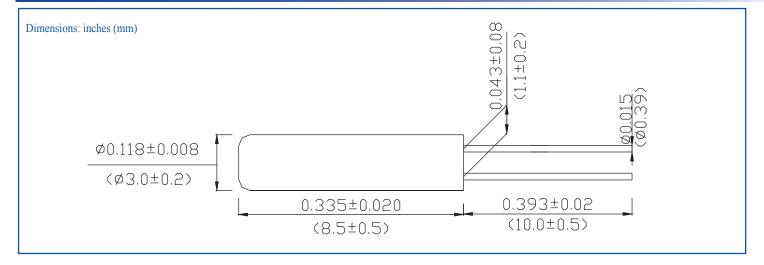


OUTLINE DRAWING:

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