



Hubei Dongguang Electronics Co., Ltd.

湖北东光电子股份有限公司

UM-1 QUARTZ Series Crystal DataSheet

- Part No: CXM1-XXXXXXXX-AXXBC12, eg. CXM1-012000000-A125BC12
- Used for cordless phone, pagers BP etc.
- The best ability against shock and High Stability

Electrical specifications:

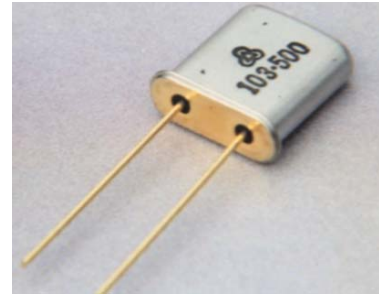
Table1:

FREQUENCY RANGE/MHz	ESR (Ω)	VIBRATION	LOAD CAPACITANCE	shunt capacitance	insulation resistance
10 ~ 33	30 (max)	Fundamental AT CUT	10pF (min)	<7pF	500M Ω
44 ~ 100	60 (max)	3rd overtone AT CUT	10pF (min)	<7pF	500M Ω
75 ~ 125	80 (max)	5rd overtone AT CUT	10pF (min)	<7pF	500M Ω

Table2:

Frequency calibration at normal temperature (25°C)	Frequency calibration at operation temperature
$\pm 15\text{ppm}$	$\pm 10\text{ppm}$ at $-10^\circ\text{C} \sim +60^\circ\text{C}$
$\pm 10\text{ppm}$	$\pm 7.5\text{ppm}$ at $-20^\circ\text{C} \sim +70^\circ\text{C}$

Figure:



Dimension: Unit: mm

