



DIP CRYSTAL UNITS

◆DIP DT-206 Crystal



This part is a miniature AT cut strip
crystal units with a low profile package.
It is with resistance weld.

FEATURES

- Low Cost
- Industry Standard
- Wide Frequency Range
- Excellent Aging

◆标准规格Electrical Specifics

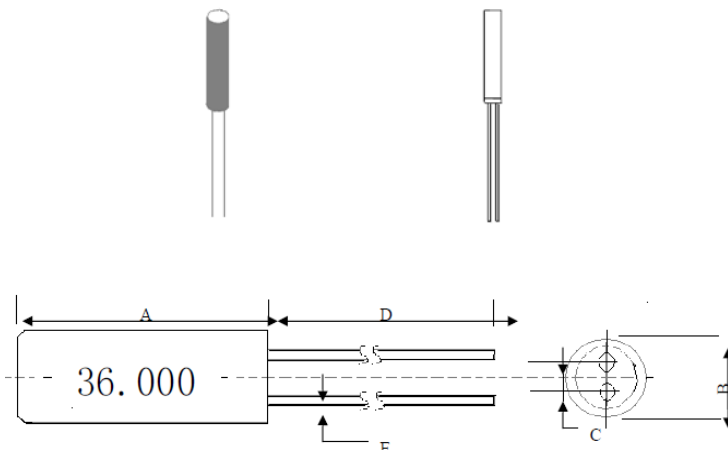
Item	Type	DT-206
标准频率Frequency Range	F0	3.500MHz~65.000MHz
负载电容Load Capacitance	CL	10pF to Series
调整频差Frequency Tolerance	$\Delta F/F0$	$\pm 10\text{ppm}, \pm 20\text{ppm} \pm 30\text{ppm} \pm 50\text{ppm}$ (At 25 °C)
等效电阻Equivalent Series Resistance ESR		See Table 1
温度频差Temperature Stability	TC	$\pm 10\text{ppm}, \pm 30\text{ppm}, \pm 50\text{ppm}$ (Rsfcr to 25 °C)
工作温度Operating Temperature Range		-20~+70 °C, -40~+85 °C Option
贮存温度Storage Temperature Range		-40~+85 °C
静态电容Shunt Capacitance	C ₀	7pF max.
绝缘电阻Insulator Resistance	IR	500M Ω min. (At 100VDC)
激励功率Drive level	DL	100 μ W (500 μ W max)
老化率Aging	Fa	$\pm 5\text{ppm}$ max. (AT 25 °C, First year)
最小包装Packing Unit		1000pcs/bag

◆等效电阻Table 1:Equivalent Series Resistance(ESR) and Mode of Vibration(Mode)

Frequency Range(MHz)	Max ESR(Ω)	Mode	Frequency Range(MHz)	Max ESR(Ω)	Mode
6.000 to 11.999	80	Fundamental/AT	12.000 to 29.999	40	Fundamental/AT
			30.000 to 65.000	80	3rd Overtone

**Please contact us for inquiries regarding other Specifications

◆外型尺寸Mechanical Dimensions(mm)



MODEL	2*6(mm)
A	6.0 \pm 0.3
B	1.95
C	0.7
D	7.0
E	0.3