

Products Information

AT-38



APPLICATIONS 用途

Computer clocks, Video & Audio equipment, pager, Miniature sets.
电脑时基, 视频及音频设备, 传呼机, 小型机件等等

FEATURES 特征

- A cylinder-shaped package. 柱状封装。
- Suitable for high-density mounting. 适合高密组装。
- Low cost & high stability. 低价且高稳定性

DIMENSIONS [mm]

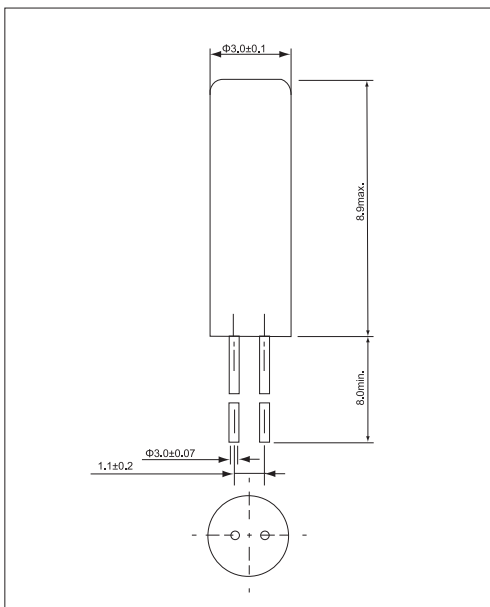


Table1: Equivalent series resistance (ESR) 等效电阻

Fundamental		
Cut	Frequency (MHz)	ESR(Ω)
AT	3.579 ~ 3.999	200
	4.000 ~ 4.499	150
	4.500 ~ 4.999	120
	5.000 ~ 5.999	100
	6.000 ~ 8.999	80
	9.000 ~ 9.999	60
	10.000 ~ 12.999	50
	13.000 ~ 18.999	35
BT	19.000 ~ 40.000	25
	30.000 ~ 40.000	25
3rd Over tone		
Cut	Frequency (MHz)	ESR(Ω)
AT	30.000 ~ 34.999	80
	35.000 ~ 39.999	70
	40.000 ~ 44.999	65
	45.000 ~ 49.999	60
	50.000 ~ 90.000	80

STANDARD SPECIFICATION

Type	型号	AT-38		
Frequency Range	频率范围	3.579~40MHz	30~40MHz	30~90MHz
Cut / Vibration mode	切型/振荡	(AT)Fundamental(基频)	(BT)Fundamental(基频)	(AT)Fundamental(三次泛音)
Frequency tolerance(at +25°C)	调整频差	±10ppm, ±20ppm, ±30ppm ±50ppm		
Frequency stability	温度频差	±20ppm~±50ppm		
Operating temperature range	工作温度	-10~+60°C		
Equivalent series resistance	等效电阻	See Table1 (见表1)		
Load capacitance	负载电容	Series, 10pF, 12pF, 16pF, 20pF, 30pF, etc.		
Shunt capacitance	静电容	5pF max.		
Level of drive	激励功率	10μW(100μW max.)		
Aging	老化率	±3, ±5ppm/year		
Storage temperature range	储存温度	-40~+90°C		

Please consult for other specifications. (若有其它规格需求请告知)