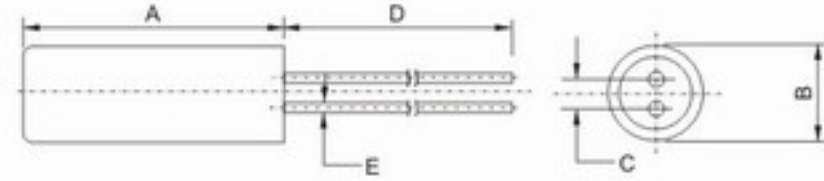


## JU309

## 外形尺寸 · DIMENSIONS(mm)



TYPE	A	D	B	E	C
JU 309( $\phi$ 3x9)	9.3max	10.0max	$\phi$ 3.1max	$\phi$ 0.3max	1.2max

## 技术参数 · PARAMETERS

参 数	PARAMETER	JU309
频率范围	Frequency Range (MHz)	3.0~6.0MHz
振动模式	Operation mode	See Table 2
负载电容	Load Capacitance CL (PF)	20PF Std. 8 to 32pF Series available
调整频差	Frequency Tolerance FL (ppm)	$\pm 20$ ppm Std. $\pm 5 \sim \pm 30$ ppm available
温度频差	Temperature Tolerance TL (ppm)	$\pm 20$ ppm Std. (See Table 3)
工作温度	Operating Temperature To ( $^{\circ}\text{C}$ )	$-20^{\circ}\text{C}$ to $+70^{\circ}\text{C}$ Std. (See Table 3)
存储温度	Storage Temperature St ( $^{\circ}\text{C}$ )	$-55^{\circ}\text{C}$ to $+85^{\circ}\text{C}$
谐振电阻	Motional Resistance Rs ( $\Omega$ )	See table 2
静态电容	Shunt Capacitance Co (PF)	7PF Max.
激励功率	Drive Level DL ( $\mu\text{W}$ )	100 $\mu\text{W}$ Std. 0.01~500 $\mu\text{W}$ available
绝缘电阻	Insulation Resistance IR (M $\Omega$ )	500M $\Omega$ (DC100 $\pm$ 10V) Min.
年老化率	Aging (ppm/year)	$\pm 3$ ppm Max.

TABLE 1

## 振动模式与谐振电阻 · OPERATION MODE AND RS 温度频差 · TEMPERATURE TOLERANCE

TYPE FREQUENCY	MODE	JU309 ( $\Omega$ MaX)
3.0~3.5MHz	AT FUND	150
3.5~4.0MHz	AT FUND	120
3.8~4.1MHz	AT FUND	120
4.1~5.0MHz	AT FUND	100
5.0~6.0MHz	AT FUND	80
6.0~8.0MHz	AT FUND	60
8.0~10.0MHz	AT FUND	40
10.0~12.0MHz	AT FUND	30
12.0~28.0MHz	AT FUND	30
28.0~33.5MHz	AT FUND	40
18.0~35.0MHz	BT FUND	40
26.0~40.0MHz	3rd OVERTONE	100
40.0~75.0MHz	3rd OVERTONE	80

TABLE 2

● RECOMMENDED 推荐使用 AVAILABLE 可用

CUTTING	TEMP RANGE	FREQUENCY TOLERANCE(ppm)						
		$\pm 5$	$\pm 10$	$\pm 15$	$\pm 20$	$\pm 30$	$\pm 50$	$\pm 100$
AT	0~+50 $^{\circ}\text{C}$	○	○	○	○	○	○	○
	-10~+60 $^{\circ}\text{C}$		○	○	●	○	○	○
	-20~+70 $^{\circ}\text{C}$			○	●	○	○	○
	-30~+80 $^{\circ}\text{C}$				●	○	○	○
	-40~+85 $^{\circ}\text{C}$				●	○	○	○
BT	-20~+70 $^{\circ}\text{C}$						●	○

TABLE 3