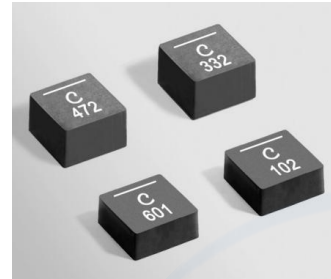


## ■ XAL4020

### Features

- Compact size using flat wire, and SMD type.  
扁平线小尺寸封装，贴片类型
- Low radiation noise by magnetically shielded construction  
闭合磁路封装，低辐射
- High current, Low resistance.  
大电流，低电阻
- Operating temperature :  $-40^{\circ}\text{C}\sim+125^{\circ}\text{C}$ .  
工作温度:  $-40^{\circ}\text{C}\sim+125^{\circ}\text{C}$



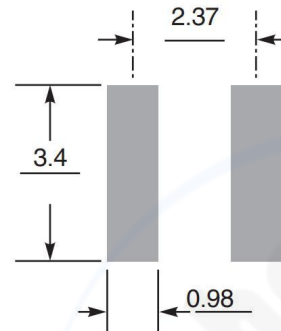
### Electrical characteristics

Part number 料号	Inductance 电感量 $\mu\text{H}$ ( $\pm 20\%$ )	DC resistance 直流电阻 $\text{m}\Omega$ max		Temperature rise current 温升电流 A.		DC saturation current 直流饱和电流 A max. $\Delta L \leq 30\%$
		Typ	max	$\Delta T \leq 20^{\circ}\text{C}$	$\Delta T \leq 40^{\circ}\text{C}$	
XAL4020-221	0.22	5.81	6.40	12.0	16.8	18.7
XAL4020-401	0.40	7.55	8.30	10.0	14.0	12.5
XAL4020-601	0.60	9.50	10.45	7.9	11.7	10.4
XAL4020-102	1.0	13.25	14.60	6.7	9.6	8.7
XAL4020-122	1.2	17.75	19.50	6.6	9.0	7.9
XAL4020-152	1.5	21.45	23.60	5.2	7.5	7.1
XAL4020-222	2.2	35.20	38.70	4.0	5.5	5.6

### Remark

- Inductance is measured with a LCR meter 4284A or equivalent.  
Test frequency at 100kHz
- DC resistance is measured with 16502 Milliohm Meter , or equivalent.  
Reference ambient temperature  $25^{\circ}\text{C}$

### Recommended Land Pattern (mm)



### Dimensions (mm)

