

## 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°C~+125°C.  
工作温度：-40°C~+125°C



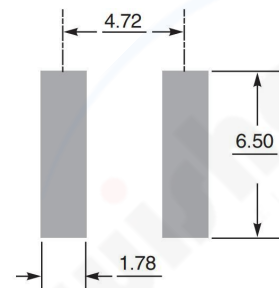
## Electrical characteristics

Part number 料号	Inductance 电感量 μH (±20%)	DC resistance 直流电阻 mΩ		Temperature rise current 温升电流 A.		DC saturation current 直流饱和电流 A max. ΔL ≤ 30%
		Typ	max	ΔT ≤ 20°C	ΔT ≤ 40°C	
XAL7070-161	0.16	0.75	0.83	30.5	36.1	78.0
XAL7070-301	0.30	1.06	1.17	26.1	33.4	55.6
XAL7070-551	0.55	1.42	1.56	23.5	29.0	43.0
XAL7070-651	0.65	1.75	1.93	21.0	26.5	40.0
XAL7070-801	0.80	2.08	2.29	20.8	25.8	37.8
XAL7070-102	1.0	2.55	2.81	20.0	25.0	34.8
XAL7070-122	1.2	3.10	3.41	16.2	21.6	31.2
XAL7070-182	1.8	4.05	4.46	15.8	21.0	25.0
XAL7070-222	2.2	5.73	6.33	13.2	17.8	19.6
XAL7070-332	3.3	8.56	9.42	11.5	15.1	19.4
XAL7070-472	4.7	12.96	14.26	10.5	13.6	15.2
XAL7070-562	5.6	13.67	15.03	8.5	11.4	13.0
XAL7070-682	6.8	17.84	19.62	6.8	9.2	12.8
XAL7070-223	22	42.26	48.60	5.0	6.7	5.3
XAL7070-473	47	84.41	97.07	3.1	4.1	4.2

## 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°C

## Recommended Land Pattern (mm)



## ■ XAL7070

### Dimensions (mm)

