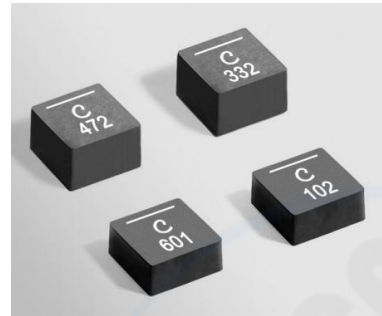


Features

- 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



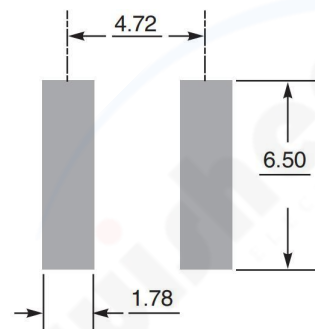
Electrical characteristics

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%	A(mm) ±0.1
		Typ	max	ΔT ≤ 20°C	ΔT ≤ 40°C		
XAL7030-161	0.16	1.15	1.26	24.9	32.5	60.0	1.6
XAL7030-301	0.30	1.75	1.92	21.0	27.6	41.0	1.6
XAL7030-601	0.60	3.00	3.30	18.0	23.0	36.0	1.6
XAL7030-102	1.0	4.55	5.00	16.1	21.8	28.0	1.6
XAL7030-152	1.5	7.6	8.36	11.9	15.0	23.5	1.6
XAL7030-222	2.2	13.7	15.07	10.0	12.9	18.0	1.6
XAL7030-272	2.7	15.7	17.30	9.2	11.4	12.8	1.6
XAL7030-332	3.3	19.5	21.45	8.0	10.0	12.3	1.6
XAL7030-472	4.7	26.1	30.00	6.9	9.0	10.1	1.4
XAL7030-562	5.6	28.1	32.32	5.3	7.3	9.8	1.4
XAL7030-682	6.8	45.0	51.75	4.4	6.8	8.7	1.4
XAL7030-822	8.2	53.0	60.94	2.9	5.9	8.4	1.4
XAL7030-103	10	60.4	69.46	2.6	5.3	7.7	1.4

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)



Dimensions (mm)

