

EED1212

AIR-CORE COIL

空心线圈

Features

- Air-core. Non magnetic saturation.
空心线圈，不会磁饱和。
- SMD type. Easy to install.
贴片类型，易于安装。
- RoHS compatible.
符合环保要求。
- Operating temperature : -40°C~+220°C.
工作温度：-40°C~+220°C



Electrical characteristics

Part number 料号	Inductance 电感量 nH	DC resistance 直流电阻 mΩ max. (typ.)	quality factor 品质因数		SRF 自谐频率 (MHz)	Temperature rise current 温升电流 A max		Height 高度(mm) max
			Q	频率(MHz)		$\Delta T \leq 20^\circ C$	$\Delta T \leq 40^\circ C$	
EED1212-220	22.0 ± 20%	0.55(0.48)	200	100	918	40.5	57.0	6.6
EED1212-420	42.0 ± 20%	0.77(0.70)	195	50	557	38.0	52.0	7.6
EED1212-660	66.0 ± 20%	0.99(0.90)	200	50	480	35.0	48.0	8.8
EED1212-900	90.0 ± 20%	1.21(1.10)	175	50	444	33.0	45.0	10.4
EED1212-121	117 ± 20%	1.43(1.30)	165	50	399	32.0	44.0	11.3

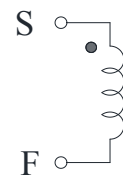
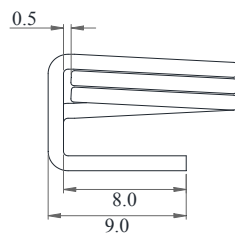
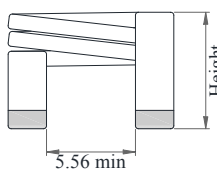
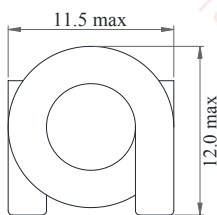
Remark

- Inductance is measured with a LCR meter 4284A or equivalent.
Test frequency at 1MHz/0.1V
- DC resistance is measured with 16502 Milliohm Meter , or equivalent.
Reference ambient temperature 25°C

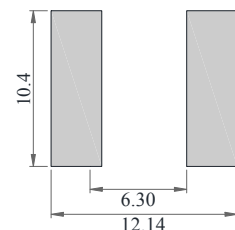
备注

- 电感量测试采用 4284A 数字电桥或同等仪器；
测试频率 1MHz/0.1V
- 直流电阻测试采用 16502 毫欧表或同等仪器；
环境温度 25°C

Dimensions



SCHEMATIC



PCB LAYOUT