



State

- Carrier tape packing use for reflow soldering process
- Wigth:3.0mm~7.0mm, Height:1.2mm~4.0mm
- Magnetically shielded construction
- Lead free products, RoHS compliant
- Widely used in the Digital products&Scanner/DC-DC converter
/Power supply for VTP/LCD monitor/portable terminal equipment
/Telecommunications/Notebook and PC Peripheral equipments etc.



English

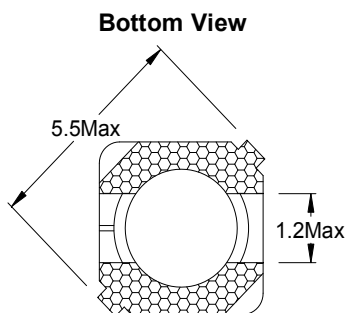
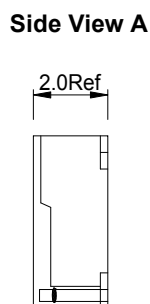
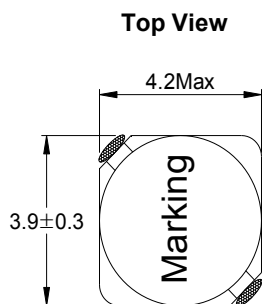
说明

- 使用载带包装运用于回流焊工艺
- 直径：3.0mm~7.0mm，高度：1.2mm~4.0mm
- 磁屏蔽结构
- 无铅产品，符合RoHS指令
- 广泛应用于数码产品，扫描仪，升降压转换，磁带录像机电源，液晶显示组件，便携式终端设备，笔记本电脑，电脑及周边等

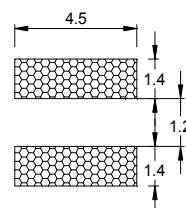


中文

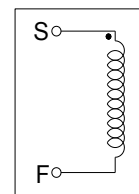
Dimensions



Recommended Land Pattern



Spice models



Electrical Characteristics

Part Number	Inductance ¹ ±20% (μH)	Tolerance (%)	DCR(mΩ) ²		Isat(A) ³ Drop ≤20%
			Nom	Max	
SPD3D16-1R5M	1.50	±20	41.50	50.00	1.60
SPD3D16-2R2M	2.20		73.60	90.00	1.30
SPD3D16-3R3M	3.30		78.50	100.00	1.00
SPD3D16-4R7M	4.70		101.00	140.00	0.70
SPD3D16-6R8M	6.80		120.00	180.00	0.65
SPD3D16-100M	10.00		167.86	240.00	0.50
SPD3D16-220M	22.00		367.10	470.00	0.35
SPD3D16-330M	33.00		520.00	800.00	0.30
SPD3D16-470M	47.00		900.00	1100.00	0.28

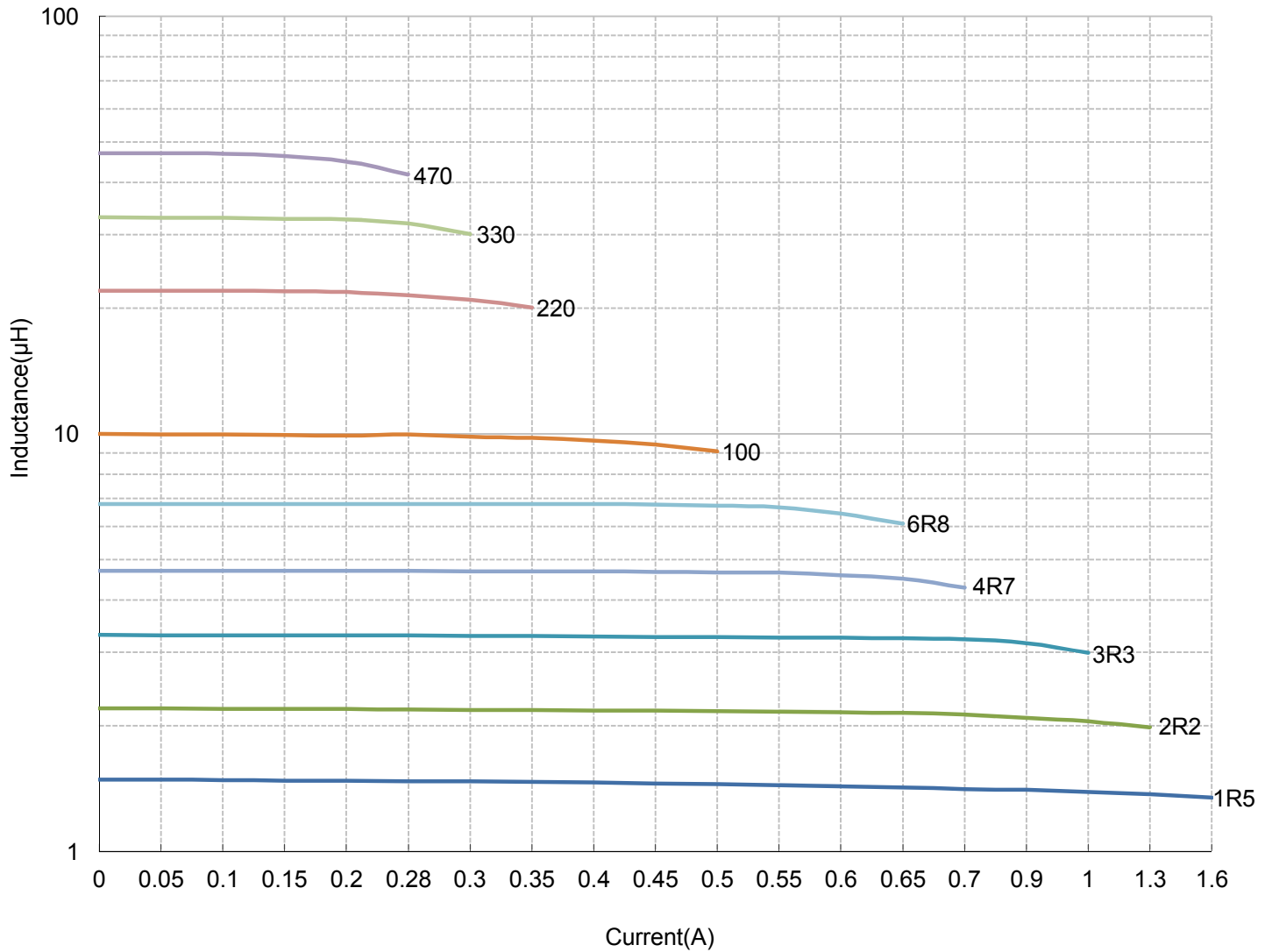
Notes

- Measurement Frequency for Inductance : 100kHz/0.1V
- DCR Measured on a 502BC ohm-meter
- The saturation current : Value of inductance decrease within 20%

注释

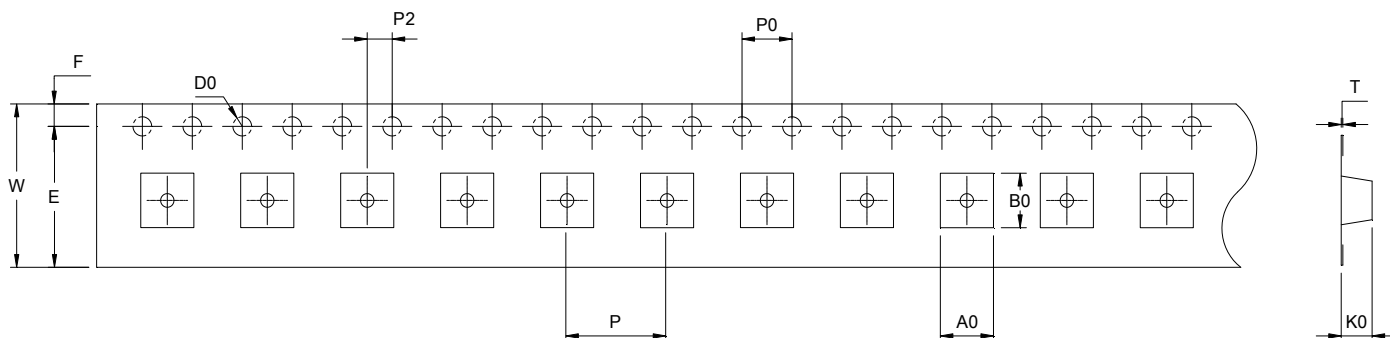
- 测试频率：100KHz/0.1V
- 直流电阻使用 502BC 电阻测试仪测试
- 饱和电流：电感值衰减幅度不超出20%的电流

Typical Inductance Vs. Current Characteristics



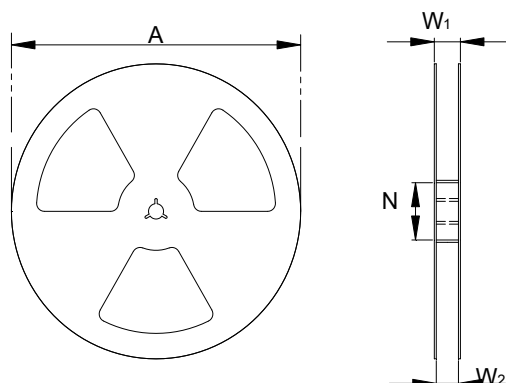
Packaging Dimensions

(1).Tape Packaging Dimensions

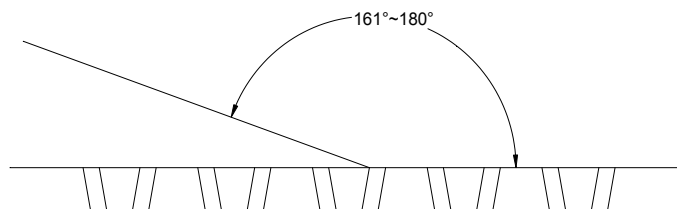


W	E	F	A0	B0	K0	T	P	P0	P2
12±0.3	5.5±0.1	1.75±0.1	4.25±0.1	4.25±0.1	1.85±0.1	0.3±0.05	8±0.1	4±0.1	2±0.1

(2).Reel Dimensions



A	N	W1	W2
330±2.0	100±2.0	18.4 Max	12.4±1.5



Tape width	Pull-of force
12mm	0.1N~1.3N

(3). Packaging Quantity

SPD3D16 3000/12"reel; Plastic tape: 12 mm wide,
0.3 mm thick, 4.25 mm pocket spacing, 1.85 mm pocket depth
Inner Carton: L:340mm * W:340mm * H:95mm
Out Carton: L:355mm * W:355mm * H:385mm