

特性及应用

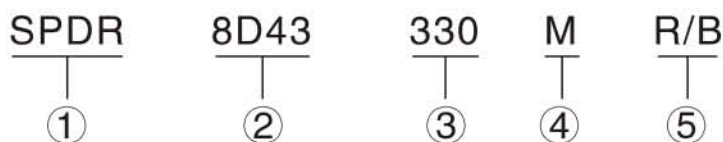
- 使用载带包装运用于SMT。
- 耐大电流,低直流电阻,八角形。
- 磁性屏蔽结构。
- 适用于回流焊SMT工艺。
- 无铅产品,符合RoHS指令。
- 广泛应用于电源设备,数码产品,扫描仪,升降转换,CD-ROM,DVD播放器,笔记本电脑,主板和显卡等。

FEATURES/APPLICATIONS

- Carrier tape packing use for SMT.
- High rated current & Low DCR, octagon.
- Magnetically shielded construction.
- Suitable for reflow SMT craft soldering.
- Lead free products, RoHS compliant.
- Widely use in Power supply equipment/Digital products /Scanner/DC-DC converter/CD-ROM / DVD player/Laptop & Notebook/VGA/ Displaycard etc.

产品标示

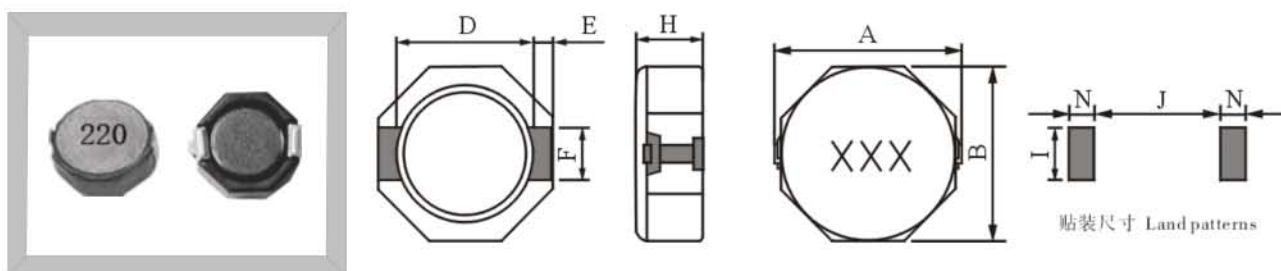
PRODUCT INDICATION



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| <p>① 产品类型:SPDR型。</p> <p>② 外观尺寸:八角形,8D表示直径8.0mm,43表示高4.3mm。</p> <p>③ 电气特性表示:330表示33μH。</p> <p>④ 允许公差:M表示$\pm 20\%$,N表示$\pm 30\%$。</p> <p>⑤ 包装方式:R表示载带盘装;B表示袋装。</p> | <p>① Product type: SPDR type.</p> <p>② External dimensions: Octagon, 8D for Diameter 8.0mm, 43 for Height 4.3mm.</p> <p>③ Electrical code: 330 for 33μH.</p> <p>④ Tolerance: M for $\pm 20\%$,N for $\pm 30\%$.</p> <p>⑤ Packing style: R for carrier tape reel; B for in bulk.</p> |
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外形尺寸(单位:mm)

SHAPE AND DIMENSIONS(unit:mm)



型号TYPE	A(Max)	B(Max)	H(Max)	D	E	F	N	I	J
SPDR8D28	9.0	8.30	3.0	6.3	1.2	2.6	3.3	3.0	6.0
SPDR8D38	9.0	8.30	4.0	6.3	1.2	2.6	3.3	3.0	6.0
SPDR8D43	9.0	8.30	4.5	6.3	1.2	2.6	3.3	3.0	6.0

SMD POWER INDUCTOR SPDR型贴片功率电感

电气性能 Electrical Characteristics SPDR8D28 Series

Part NO. 产品编号	Test Condition 测试条件	Inductance 电感(μ H)	Tolerance 公差(%)	DC Resistance 直流电阻(Ω)Max	Rated Current 额定电流(A)Max
SPDR8D28-2R5M	100KHz/0.1V	2.5	± 20	0.016	4.50
SPDR8D28-3R3M	100KHz/0.1V	3.3	± 20	0.018	4.00
SPDR8D28-4R7M	100KHz/0.1V	4.7	± 20	0.025	3.40
SPDR8D28-7R3M	100KHz/0.1V	7.3	± 20	0.039	2.80
SPDR8D28-100M	100KHz/0.1V	10	± 20	0.047	2.50
SPDR8D28-150M	100KHz/0.1V	15	± 20	0.069	1.90
SPDR8D28-220M	100KHz/0.1V	22	± 20	0.099	1.60
SPDR8D28-330M	100KHz/0.1V	33	± 20	0.156	1.30
SPDR8D28-470M	100KHz/0.1V	47	± 20	0.195	1.15
SPDR8D28-680M	100KHz/0.1V	68	± 20	0.286	0.92
SPDR8D28-101M	100KHz/0.1V	100	± 20	0.980	0.75

※超出以上规格的特殊要求也可以满足。Special inquiries besides the above common used types can be meet .

电气性能 Electrical Characteristics SPDR8D38 Series

Part NO. 产品编号	Test Condition 测试条件	Inductance 电感(μ H)	Tolerance 公差(%)	DC Resistance 直流电阻(Ω)Max	Rated Current 额定电流(A)Max
SPDR8D38-1R8M	100KHz/0.1V	1.8	± 20	0.016	6.20
SPDR8D38-2R0M	100KHz/0.1V	2.0	± 20	0.018	5.50
SPDR8D38-3R5M	100KHz/0.1V	3.5	± 20	0.024	4.40
SPDR8D38-4R7M	100KHz/0.1V	4.7	± 20	0.029	4.00
SPDR8D38-6R0M	100KHz/0.1V	6.0	± 20	0.032	3.50
SPDR8D38-100M	100KHz/0.1V	10	± 20	0.048	2.60
SPDR8D38-150M	100KHz/0.1V	15	± 20	0.067	2.30
SPDR8D38-220M	100KHz/0.1V	22	± 20	0.105	1.88
SPDR8D38-330M	100KHz/0.1V	33	± 20	0.157	1.52
SPDR8D38-470M	100KHz/0.1V	47	± 20	0.189	1.28
SPDR8D38-680M	100KHz/0.1V	68	± 20	0.290	1.10
SPDR8D38-101M	100KHz/0.1V	100	± 20	0.410	0.88

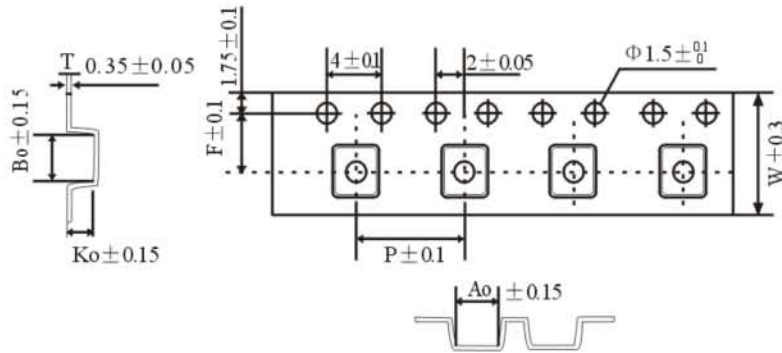
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电气性能 Electrical Characteristics SPDR8D43 Series

Part NO. 产品编号	Test Condition 测试条件	Inductance 电感(μ H)	Tolerance 公差(%)	DC Resistance 直流电阻(Ω)Max	Rated Current 额定电流(A)Max
SPDR8D43-2R0M	100KHz/0.1V	2.0	± 20	0.014	7.0
SPDR8D43-3R8M	100KHz/0.1V	3.8	± 20	0.019	5.9
SPDR8D43-4R7M	100KHz/0.1V	4.7	± 20	0.022	5.6
SPDR8D43-6R8M	100KHz/0.1V	6.8	± 20	0.025	4.4
SPDR8D43-100M	100KHz/0.1V	10	± 20	0.036	4.0
SPDR8D43-150M	100KHz/0.1V	15	± 20	0.053	2.9
SPDR8D43-220M	100KHz/0.1V	22	± 20	0.075	2.6
SPDR8D43-330M	100KHz/0.1V	33	± 20	0.125	2.2
SPDR8D43-470M	100KHz/0.1V	47	± 20	0.150	1.8
SPDR8D43-680M	100KHz/0.1V	68	± 20	0.240	1.5
SPDR8D43-101M	100KHz/0.1V	100	± 20	0.360	1.3

※超出以上规格的特殊要求也可以满足。Special inquiries besides the above common used types can be meet .

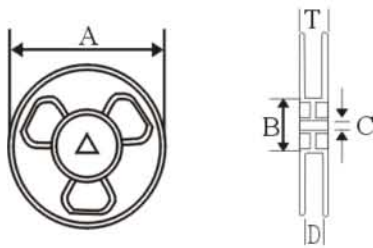
编带尺寸 Dimensions of tape(unit:mm)



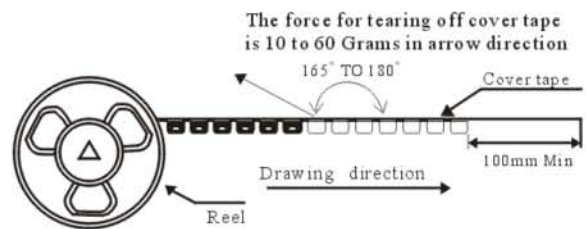
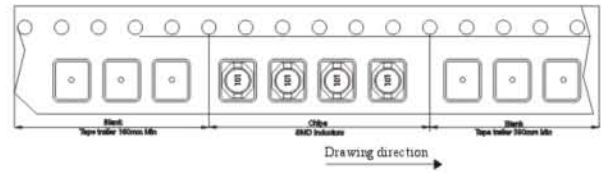
型号Type	尺寸Dimensions						带轮Reel	Quantities(数量)
	Ao	Bo	W	P	F	Ko		PCS/reel(每卷)
SPDR8D28	9.20	9.20	16.00	12.00	7.50	3.20	330*16	1500
SPDR8D38	9.20	9.20	16.00	12.00	7.50	4.20	330*16	1000
SPDR8D43	9.20	9.20	16.00	12.00	7.50	4.80	330*16	1000

※超出以上规格的特殊要求也可以满足。Special inquiries besides the above common used types can be meet.

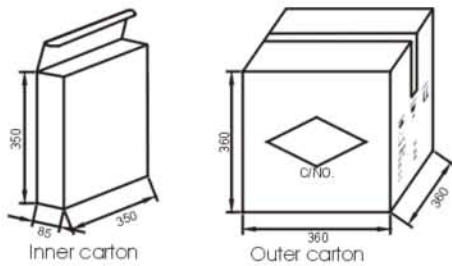
带轮尺寸 Dimensions of Reel (unit: mm) 编带筒图及拉伸方向 Taping figures and drawing direction



Type	A	B	C	D	T
12mm	330	100	13.5	12.4	16.4
16mm	330	100	13.5	16.4	20.4



包装箱盒尺寸 Box and case dimensions (unit: mm) 包装数量 Packaging quantities (unit:PCS)



4内箱=1外箱(4 boxes in a case)

型号Type	Quantities(数量)	
	Inner carton 内箱	Outer carton 外箱
SPDR8D28	4/6000	4/24K
SPDR8D38	4/4000	4/16K
SPDR8D43	4/4000	4/16K