

**SOREDE**

索 瑞 達 電 子

# 深圳市索瑞达电子有限公司

## 承 认 书

### SPECIFICATION FOR APPROVAL

客户名称: 标准  
Customer Name : \_\_\_\_\_

客户料号:  
Customer P/N: \_\_\_\_\_

产品名称: 功率电感  
Product Name: \_\_\_\_\_

索瑞达料号:  
Sorede P/N: SCD.5845-系列

制造厂商 Manufacturer	
拟制 Draft	黄小香
审核 Check	符妃团 工程专用章
日期 Date	2018-6-6

客户承认印章 Approval Signet	
日期 Date	

地址:深圳市观澜镇福城街道新塘村8号源创园陆号A6栋3楼.

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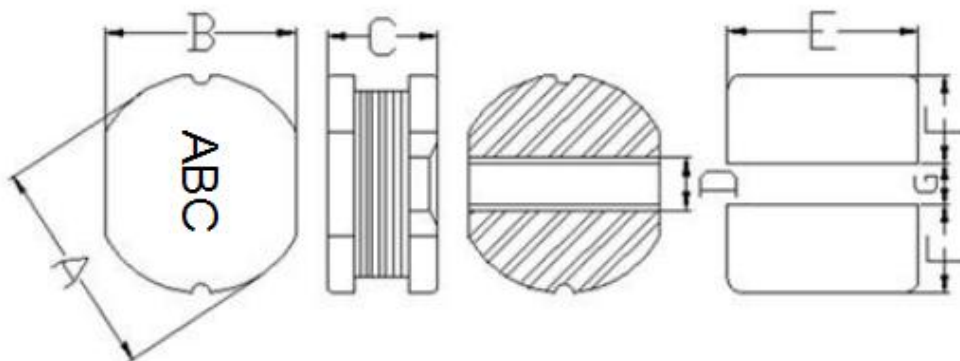
网址 [http:// www.szsorede.com](http://www.szsorede.com)



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### 1、外形尺寸 Dimension :

单位Unit: mm



A	5.8±0.3
B	5.2±0.3
C	4.5±0.3
D	1.6Ref.
E	5.8Ref.
F	2.2Ref.
G	1.6Ref.

### 2、产品品名构成 Product Spec. Model

SR 54 Y F - 2R2 M

a b c d e f

a: 系列名称 Series name

b: 产品尺寸 Product dimensions (A x B x C)

c: 密封方式 Sealing way (L: 冷封 Cold seal Y: 热封 Heat seal)

d: 印字方向 Lettering direction ▶

e: 电感值 Inductance Value

(1R0:1.0uH; 100: 10uH; 101:100uH)

f: 电感公差 Inductance Tolerance (K:10% ; M:20% ; N:30%)

#### ▶ Lettering direction



### 3、结构 Structure



### 4、材料清单 MATERIAL LIST

NO.	PARTS	MATERIAL	UL FILE NO.	TEMP. CLASS
1	CORE	Ni-Zn CORE OR EQUIVALENT	NA	NA
2	WIRE	POLYURETHANE ENAMELLED COPPER WIRE OR EQUIVALENT	E258243	180°C
3	SOLDER	Sn99.3-Cu0.7 OR EQUIVALENT	NA	NA

\*NA:NOT APPLICABLE.

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## 5、电性能参数表 Electrical Characteristics List

规格型号 Part NO.	电感量 Tolerance( $\mu$ H)	测试频率 Test Freq. (kHz/v)	直流电阻 DCR Max ( $\Omega$ )	饱和电流 Isat (A)
SCD.5845.DYF1R0MT00	1.0	100 / 0.25	0.013	5.40
SCD.5845.DYF1R5MT00	1.5	100 / 0.25	0.017	4.70
SCD.5845.DYF1R8MT00	1.8	100 / 0.25	0.020	4.50
SCD.5845.DYF2R2MT00	2.2	100 / 0.25	0.035	4.00
SCD.5845.DYF2R7MT00	2.7	100 / 0.25	0.025	3.90
SCD.5845.DYF3R3MT00	3.3	100 / 0.25	0.031	3.70
SCD.5845.DYF3R6MT00	3.6	100 / 0.25	0.033	3.45
SCD.5845.DYF3R9MT00	3.9	100 / 0.25	0.036	3.20
SCD.5845.DYF4R7MT00	4.7	100 / 0.25	0.052	3.10
SCD.5845.DYF5R6MT00	5.6	100 / 0.25	0.055	2.80
SCD.5845.DYF6R8MT00	6.8	100 / 0.25	0.059	2.40
SCD.5845.DYF8R2MT00	8.2	100 / 0.25	0.062	2.00
SCD.5845.DYF100KT00	10	100 / 0.25	0.075	1.42
SCD.5845.DYF120KT00	12	100 / 0.25	0.088	1.38
SCD.5845.DYF150KT00	15	100 / 0.25	0.105	1.28
SCD.5845.DYF180KT00	18	100 / 0.25	0.117	1.22
SCD.5845.DYF220KT00	22	100 / 0.25	0.153	1.10
SCD.5845.DYF270KT00	27	100 / 0.25	0.169	0.95
SCD.5845.DYF330KT00	33	100 / 0.25	0.208	0.86
SCD.5845.DYF390KT00	39	100 / 0.25	0.215	0.78
SCD.5845.DYF470KT00	47	100 / 0.25	0.355	0.71
SCD.5845.DYF560KT00	56	100 / 0.25	0.377	0.66
SCD.5845.DYF680KT00	68	100 / 0.25	0.390	0.60
SCD.5845.DYF820KT00	82	100 / 0.25	0.416	0.57
SCD.5845.DYF101KT00	100	100 / 0.25	0.611	0.51
SCD.5845.DYF121KT00	120	100 / 0.25	0.754	0.47
SCD.5845.DYF151KT00	150	100 / 0.25	0.845	0.38
SCD.5845.DYF181KT00	180	100 / 0.25	1.040	0.36
SCD.5845.DYF221KT00	220	100 / 0.25	1.450	0.34
SCD.5845.DYF271KT00	270	100 / 0.25	1.510	0.31
SCD.5845.DYF331KT00	330	100 / 0.25	1.760	0.28

※公差Tolerance: N:±30%、M:±20%、K:±10%.

※工作温度Operating temperature rang: -40 °C to +125°C (Including Self-heating)

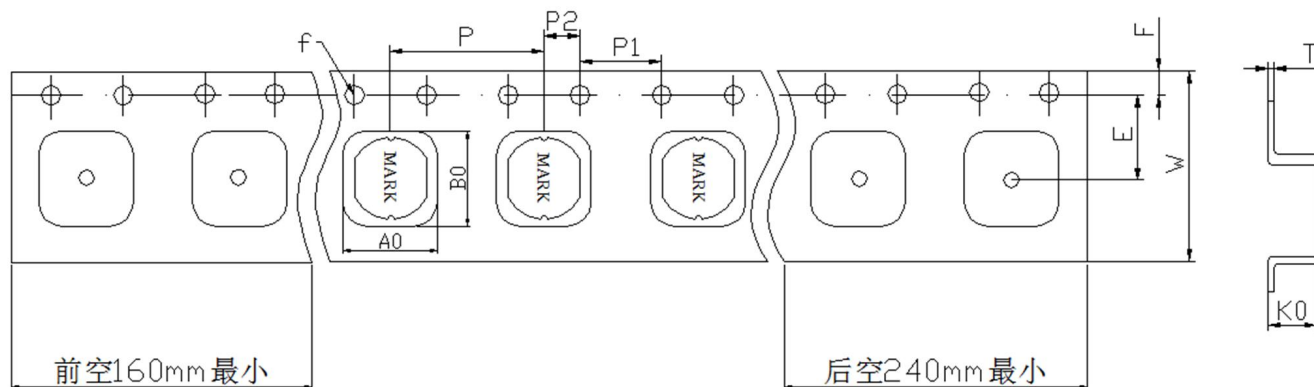
※储存温度Storage temperature rang: -40 °C to +125°C

Isat电流: 指使电感量比初始值下降10% ( The rated DC current is that which cause at10% inductance reduction from the initial value ) 。



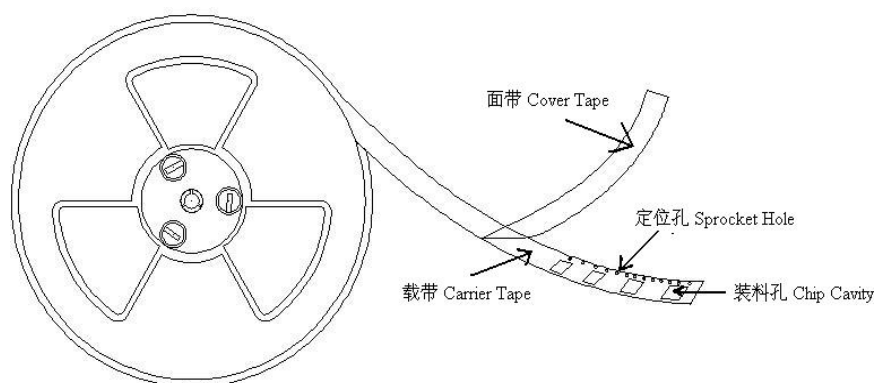
## 6、产品包装 Packaging

### 1) 载带包装示意图 Tape packing diagram



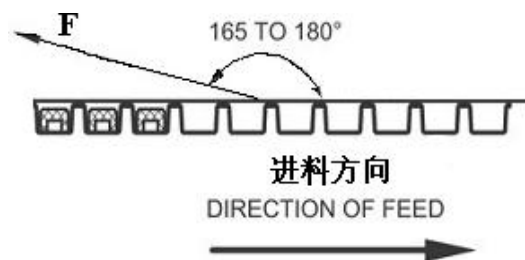
ITEM	W	A0	B0	K0	P	E	F	D0	P0	P2	T
DIM	12.00	5.90	5.40	4.80	8.00	5.50	1.75	1.50	4.00	2.00	0.40
TOLE	±0.3	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	+0.1	±0.1	±0.1	±0.05

### 2) 卷盘包装示意图 Tape packing diagram



### 3) 剥离强度要求 Peeling required

- ① F 力大小: 20~100g;
- ② 面带剥离角度: 165°~180°。



### 4) 包装数量 Packing quantity

项目	数量 (PCS)	尺寸规格 (mm)
盘	1500	13"
内盒	6000	340mm*340mm*65mm
外箱	12000	360mm*360mm*160mm