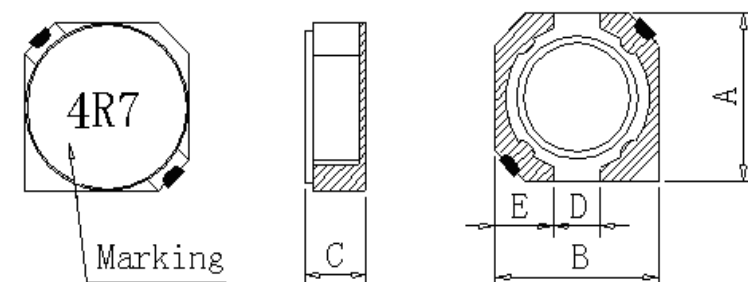


CUSTOMER		SPECIFICATION FOR APPROVAL	REVISION	A/0
CUSTOMER. NO	6253		PAGE	1 OF 4
CODACA NO.	SPD3D16-4R7M		SAMPLE NO	S1212132873
CUS. P/N			DATE	2012-12-13

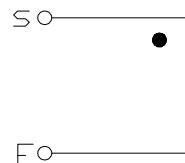
I、DIMENSION (UNIT:mm)

ASSEMBLY



A	B	C	D	E
3.90 ± 0.3	3.90 ± 0.3	2.0 Max	1.2 ± 0.2	1.30 ± 0.2

SCHEMATIC:



II、PRODUCT IDENTIFICATION

SPD	3D16	4R7	M	B/T/Reel
1	2	3	4	5

- 1.Product type: SPDR Series
- 2.Dimension: Width×Height
- 3.Inductance value: 4R7 for $4.7 \mu H$
- 4.Inductance tolerance: $M = \pm 20\%$
- 5.Packaging Style B: In Bulk T/R: Carrier tape reel

III、ELECTRONIC CHARACTERISTICS:

ITEM	SPEC	TOLERANCE	TEST FREQUENCY	TEST EQUIPMENT
INDUCTANCE	$4.7 \mu H$	$\pm 20\%$	100KHz/0.10V	VR113H+VR7210
DCR	105mΩ	Max	/	TH2511
IDC	0.75A	Max	100KHz	TH2812C+TH1772A



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SHENZHEN CODACA ELECTRONIC CO.,LTD

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Industrial Park, Bantian Street, Longgang District, Shenzhen, China.

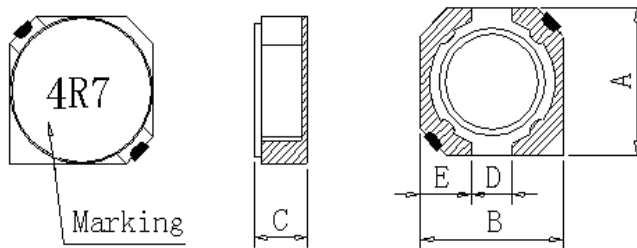
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CUSTOMER		TEST SPECIFICATION		REVISION	A/0			
CUSTOMER. NO	6253			PAGE	2 OF 4			
CODACA NO.	SPD3D16-4R7M			SAMPLE NO	S1212132873			
CUS. P/N				DATE	2012-12-13			

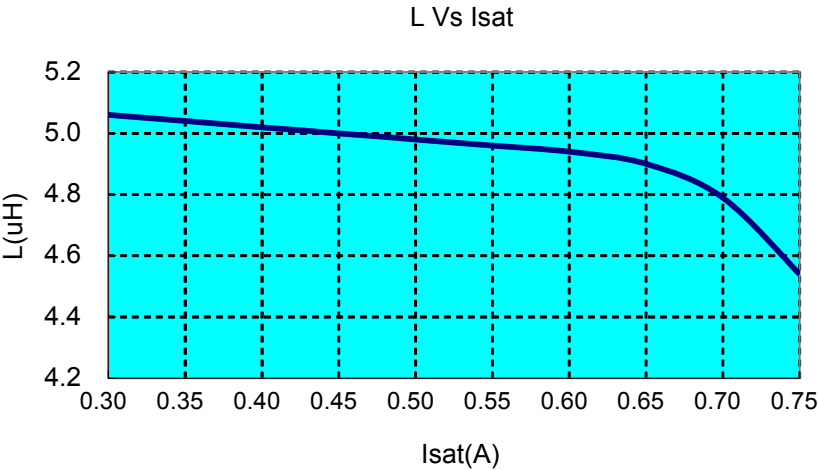
DESCRIPTION	SMD POWER INDUCTOR			DIMENSION (UNIT:mm) 				
QUANTITY	10 PCS							
COIL SPEC	2UEW-H/ Φ0.15mm							
CORE	DR3.5*1.5							
TEST FREQ	100KHz/0.10V							
OPERATING TEMPERATURE	-40℃~+125℃							
TEMPERATURE	25 ℃	HUMIDIT	75%					

ELECTRICAL TEST DATA				OVERALL DIMENSTON (UNIT:mm)				
	L (μH)	DCR (mΩ)	L+0.75A (μH)	A	B	C	D	E
SPC	4.7 ±20%	105 Max	ΔL≤20%	3.90 ±0.3	3.90 ±0.3	2.0 Max	1.2 ±0.2	1.30 ±0.2
1	5.06	79.16	4.54	3.91	3.91	1.75	1.12	1.22
2	5.17	83.60	4.66	3.93	3.93	1.72	1.11	1.23
3	5.04	81.28	4.56	3.95	3.95	1.73	1.13	1.22
4	5.10	80.90	4.57	3.94	3.94	1.74	1.15	1.29
5	5.09	80.93	4.64	3.96	3.96	1.72	1.16	1.22
6	5.04	80.94	4.62	3.91	3.91	1.75	1.12	1.22
7	5.02	80.92	4.66	3.93	3.93	1.72	1.11	1.23
8	5.06	80.97	4.64	3.95	3.95	1.73	1.13	1.22
9	5.02	80.92	4.61	3.94	3.94	1.74	1.15	1.29
10	5.06	80.91	4.65	3.96	3.96	1.72	1.16	1.22
X								
R								

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CUSTOMER		SPECIFICATION FOR APPROVAL	REVISION	A/0
CUSTOMER. NO	6253		PAGE	3 OF 4
CODACA NO.	SPD3D16-4R7M		SAMPLE NO	S1212132873
CUS. P/N			DATE	2012-12-13

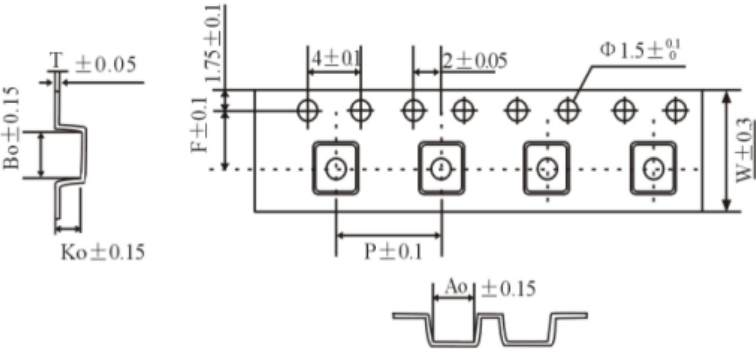
IV、L VS Isat:



V、MATERIAL LIST:

NO.	MATERIAL	SPECIFICATION
1	Core	JN4H DR3. 5*1. 5 D3 B:1. 2 F:0. 7 JN4H SRI3. 8*3. 1*1. 30
2	Copper wire	2UEW-H/ ϕ 0. 15mm*12. 5T(Ref)
3	Carrier tape	SPD3D16/12. 00mm
4	Cover tape	9. 3mm
5	Base	C-3D16

VI、DIMENSIONS FOR CARRIER TAPES (mm) :



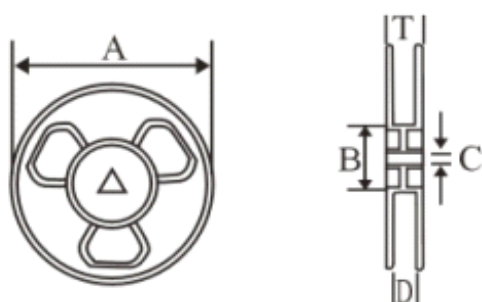
PARTNO.	W	A0	B0	K0	P	F	PACKING/REEL	WEIGNT UNITS (g/R)
SPD3D16	12. 00	4. 20	4. 20	2. 00	8. 00	5. 50	3000PCS/R	550g/R (N. W)

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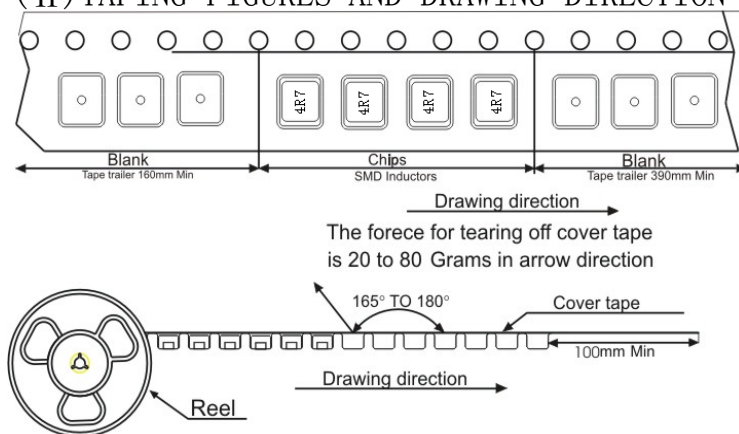
CUSTOMER		PACKING SPECIFICATION	REVISION	A/0
CUSTOMER. NO	6253		PAGE	4 OF 4
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CUS. P/N			DATE	2012-12-13

VII、PACKAGING AUTOMATIC INSERTION

(I) DIMENSIONS OF REEL (UNIT:MM)

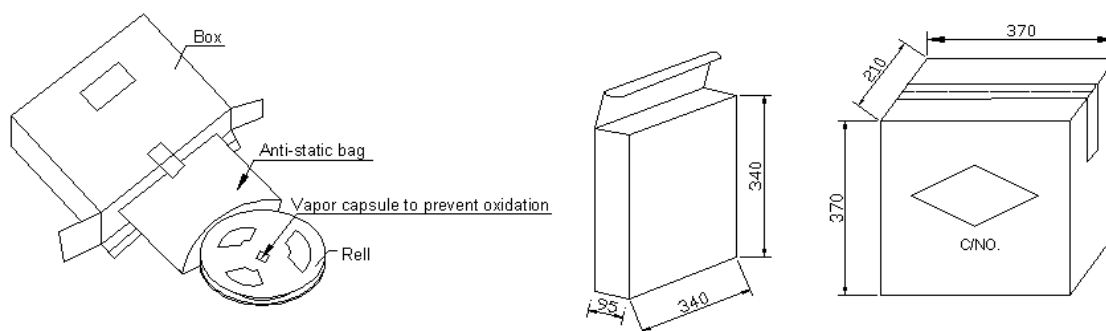


(II) TAPING FIGURES AND DRAWING DIRECTION



TYPE	A	B	C	D	T
12mm	330	100	13.5	12.4	16.4

(III) BOX AND CASE DIMENSIONS (UNIT: MM)



(IV) PACKAGING QUANTITIES AND WEIGHT UNITS

TYPE	QUANTITIES (PCS)	QUANTITIES (PCS)	WEIGHT UNITS (KG)	WEIGHT UNITS (KG)
	INNER CARION BOX	OUTER CARTON BOX	INNER CARION BOX	OUTER CARTON BOX
SPD3D16	5/15000	2/30K	3.1kg/ (G. W)	6.7kg/ (G. W)



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I sat	0.3	0.35	0.4	0.45	0.5	0.55	0.6	0.65	0.7	0.75	
L uH	5.06	5.04	5.02		5	4.98	4.96	4.94	4.9	4.79	4.54

