SPECIFICATION FOR APPROVAL

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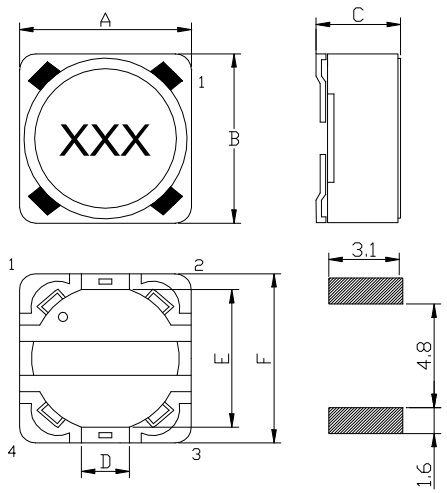
Ⅰ.CONFIGURATION&DIMENSIONS:

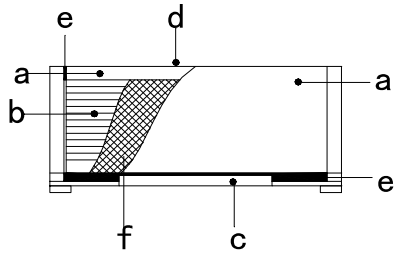


Remark: XXX is inductance

A:7.3±0.2	mm
B:7.3±0.2	mm
C:4.5max	mm
D:1.8typ	mm
E:4.5±0.2	mm
F:7.2±0.2	mm

Ⅱ.MATERIALS:

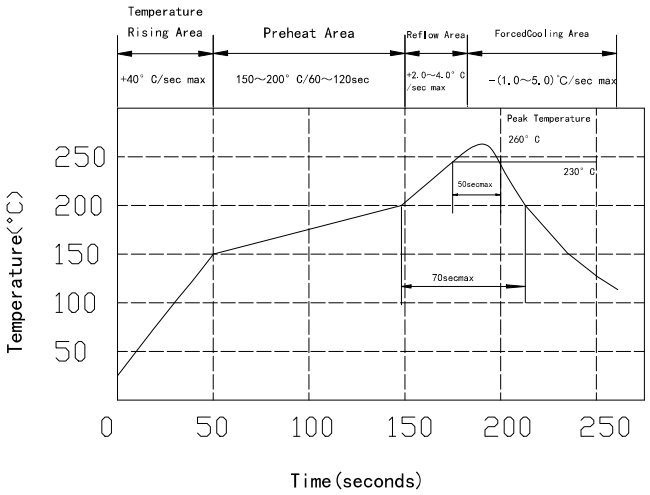
NO.	DESCRIPTION
a.	CORE
b.	WIRE
c.	BASE
d.	INKING
e.	EPOXY
f.	MYLAR TAPE



Ⅲ.GENERAL SPECIFICATION:

1. Tested at 100KHz,0.25Vrms,0 Adc.
2. DC current at which the inductance drops 30% from its value without current.
3. Average current for 40℃ temperature rise from 25℃.
4. Electrical specifications at:25℃
5. Storage temp range:-40℃----+85℃
6. Operating temp range:-40℃----+125℃

PeakTemp:260℃ max
Max time above230° C:50secmax
Max time above200° C:70secmax



SPECIFICATION FOR APPROVAL

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PART NO	Ls (uH)	DCR max (mΩ)	Isat max (A)	TEST FREQ. (Hz)	
TPRHC0704-1R0NF	1.0	15	9.00	100K/0.25V	
TPRHC0704-1R5NF	1.5	18	7.00	100K/0.25V	
TPRHC0704-2R2NF	2.2	28	6.00	100K/0.25V	
TPRHC0704-3R3NF	3.3	32	4.80	100K/0.25V	
TPRHC0704-3R9NF	3.9	35	4.40	100K/0.25V	
TPRHC0704-4R7NF	4.7	38	4.00	100K/0.25V	
TPRHC0704-5R6NF	5.6	40	3.50	100K/0.25V	
TPRHC0704-6R8NF	6.8	45	3.00	100K/0.25V	
TPRHC0704-100MF	10	49	1.84	100K/0.25V	
TPRHC0704-120MF	12	58	1.71	100K/0.25V	
TPRHC0704-150MF	15	81	1.47	100K/0.25V	
TPRHC0704-180MF	18	91	1.31	100K/0.25V	
TPRHC0704-220MF	22	110	1.23	100K/0.25V	
TPRHC0704-270MF	27	150	1.12	100K/0.25V	
TPRHC0704-330MF	33	170	0.96	100K/0.25V	
TPRHC0704-390MF	39	230	0.91	100K/0.25V	
TPRHC0704-470MF	47	260	0.88	100K/0.25V	

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PART NO	Ls (uH)	DCR max (mΩ)	Isat max (A)	TEST FREQ. (Hz)	
TPRHC0704-560MF	56	350	0.75	100KHZ/0.25V	
TPRHC0704-680MF	68	380	0.69	100KHZ/0.25V	
TPRHC0704-820MF	82	430	0.61	100KHZ/0.25V	
TPRHC0704-101MF	100	610	0.60	100KHZ/0.25V	
TPRHC0704-121MF	120	660	0.52	100KHZ/0.25V	
TPRHC0704-151MF	150	880	0.46	100KHZ/0.25V	
TPRHC0704-181MF	180	980	0.42	100KHZ/0.25V	
TPRHC0704-221MF	220	1170	0.36	100KHZ/0.25V	
TPRHC0704-271MF	270	1640	0.34	100KHZ/0.25V	
TPRHC0704-331MF	330	1860	0.32	100KHZ/0.25V	
TPRHC0704-391MF	390	2850	0.29	100KHZ/0.25V	
TPRHC0704-471MF	470	3010	0.26	100KHZ/0.25V	
TPRHC0704-561MF	560	3620	0.23	100KHZ/0.25V	
TPRHC0704-681MF	680	4630	0.22	100KHZ/0.25V	
TPRHC0704-821MF	820	5200	0.20	100KHZ/0.25V	
TPRHC0704-102MF	1000	6000	0.18	100KHZ/0.25V	

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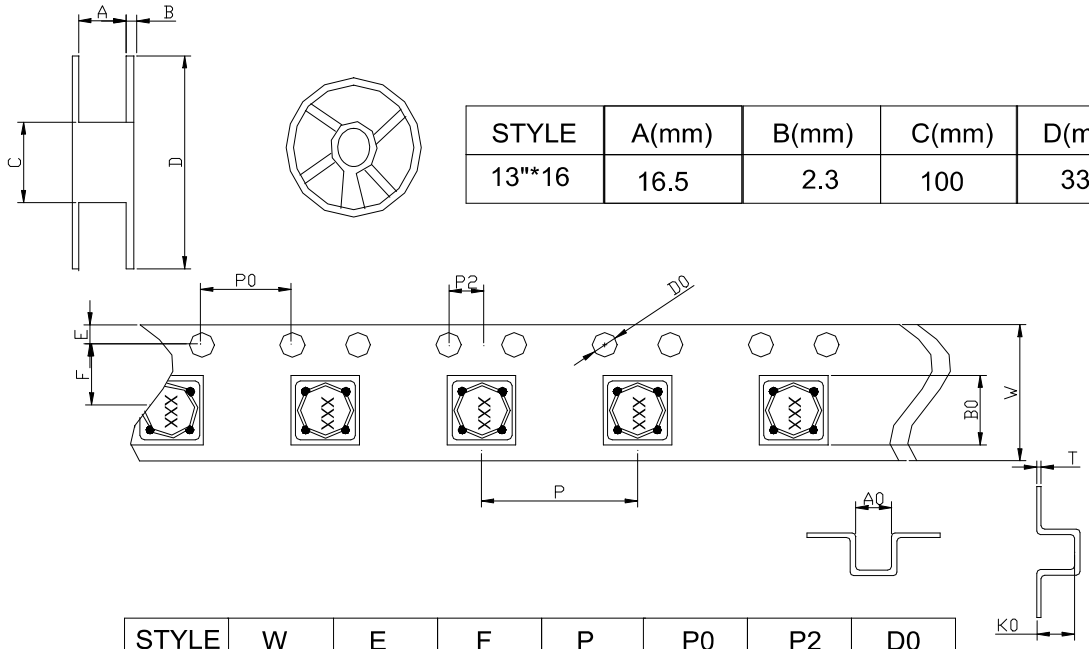
PACKAGE:

9. Packaging Information

9-1ReeI Dimension Tape Dimension



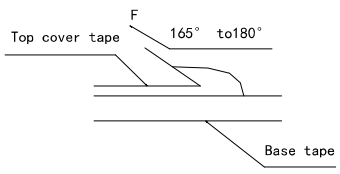
STYLE	A(mm)	B(mm)	C(mm)	D(mm)
13"*16	16.5	2.3	100	330

STYLE	W	E	F	P	P0	P2	D0
16mm	16.0± 0.3	1.75± 0.1	7.5± 0.1	12.0± 0.1	4.0± 0.1	2.0± 0.1	1.5± 0.1
	T	A0	B0	K0			
	0.35± 0.05	8.0± 0.1	8.0± 0.1	4.5± 0.1			

9-2Packaging Quantity

SERIES	1 REEL	INNER CARTON			MIDDLE CARTON			OUTER CARTON		
	Q TY(PCS)	REEL	Q TY(PCS)	SIZE(cm)	REEL	Q TY(PCS)	SIZE(cm)	REEL	Q TY(PCS)	SIZE(cm)
TPRHC0704	1000	3	3000	345*340*70				6	6000	360*350*156

9-3Tearing off Force



The force for tering off cover tape is 5 to 120 grams in the arrow direction under the following conditions

Room Temp (℃)	Room Humidity (%)	Room aim (hpa)	Room Speed mm/min
5-35	45-85	860-1060	300

Application Notice

Storage Conditions

To maintain the solderability of terminal electrodes:

1. Temperature and humidity conditions: Less than 40℃ and 70% RH.
2. Recommended products should be used within 6 months from the time of delivery.
3. The packaging material should be kept where no chlorine or sulfur exists in the air.

Transportation

1. Products should be handled with care to avoid damage or contamination fromperspiration and skin oils.
2. The use of tweezers or vacuum pick ups is strongly recommended for individual components.
3. bulk handling should ensure that abrasion and mechanical shock are minimized.