

SPECIFICATION FOR APPROVAL

CUSTOMER

CUSTOMER P/N

DESCRIPTION/SPEC

HNR201610C Series

EDITION

A

DATE

8/6/18

MADE BY: GAN JIAN RONG

CHECKED BY: XIA CHAO MING

APPROVED BY: XIA CHAO MING

CUSTOMER APPROVE

Please fax back after confirm of signature.

东莞市硕星电子有限公司

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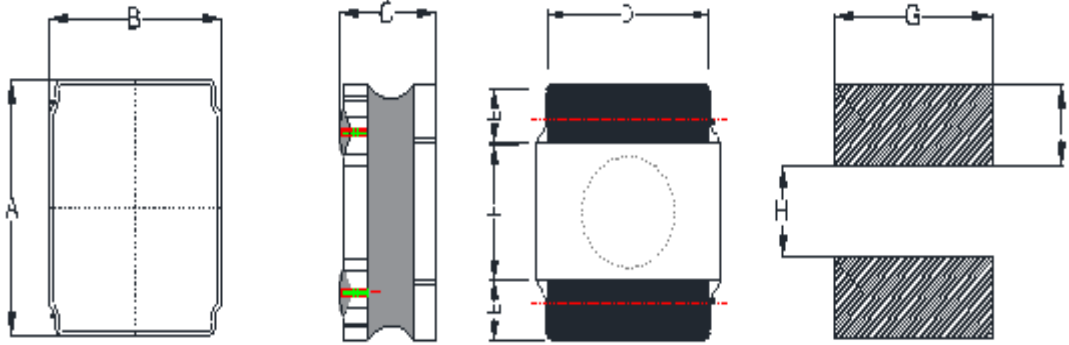
ISO9001 : 2000
ISO14001 : 2004

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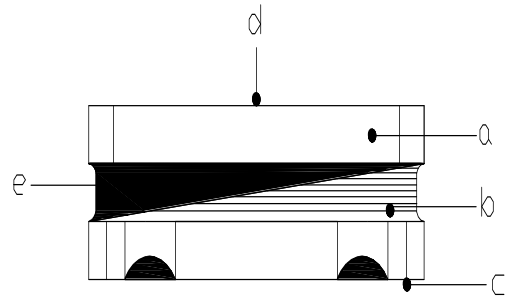
I .CONFIGURATION&DIMENSIONS:



A:2.0±0.2	mm
B:1.6±0.2	mm
C:1.08MAX	mm

II .MATERIALS:

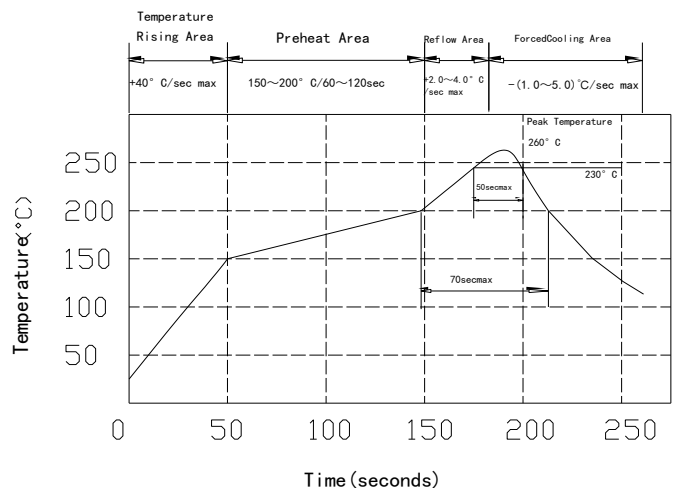
NO.	DESCRIPTION
a.	CORE
b.	WIRE
c.	SOLDER
d.	INKING
e.	EPOXY



III.GENERAL SPECIFICATION:

1. Tested at 100KHz,1Vrms,0 Adc.
2. DC current at which the inductance drops 30%max.
from its value without current.
3. Average current for 40°C temperature rise from 20°C.
4. Electrical specifications at:20°C
5. Storage temp range:-40°C-----+125°C
6. Operating temp range:-40°C-----+85°C

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



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Meas. Item	Electrical character								
Spec.	Ls	DCR	IDC						
Unit	uH	mΩ	uH						
Test condition	100kHz / 1V	at20°C	100kHz / 1V						
1	4.35	387.0	3.65						
2	4.41	388.0	3.70						
3	4.33	390.0	3.64						
4	4.41	387.0	3.70						
5	4.43	386.0	3.72						
6	4.43	392.0	3.72						
7	4.42	388.0	3.71						
8	4.42	385.0	3.71						
9	4.32	389.0	3.63						
10	4.47	391.0	3.75						
X̄	4.4	388.3	3.70						
max	4.47	392.0	3.75						
min	4.32	385.0	3.63						
R	0.15	7.0	0.126						

TEST INSTRUMENT:

- | | |
|--|--|
| <input checked="" type="checkbox"/> HP4284AHP4285A METER LCD &DCR&Q&IDC&SRF
<input type="checkbox"/> HP4192A METER LCD&Z.
<input type="checkbox"/> HP4287A METER LCD&Z&SRF&Q.
<input type="checkbox"/> HP4284A&HP42841A METER LCD &DCR&IDC&SRF. | <input checked="" type="checkbox"/> CH502BC METER DCR.
<input type="checkbox"/> CH9052BC METER HI-POT &I .R.
<input checked="" type="checkbox"/> VR126G/7220 METER IDC
<input type="checkbox"/> CH1061 METER LCD. |
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Meas. Item	Mechanical dimensions										
	A(m/m)	B(m/m)	C(m/m)	D(m/m)	E(m/m)						
Spec.	2.0	1.60	1.08								
Tolerance	± 0.2	± 0.2	max								
1	2.03	1.61	1.00								
2	2.05	1.62	0.98								
3	2.01	1.60	0.96								
4	2.00	1.58	1.03								
5	2.02	1.59	1.02								
6											
7											
8											
9											
10											
\bar{X}	2.02	1.60	1.00								
max	2.05	1.62	1.03								
min	2.00	1.58	0.96								
R	0.05	0.04	0.07								

REMARK:

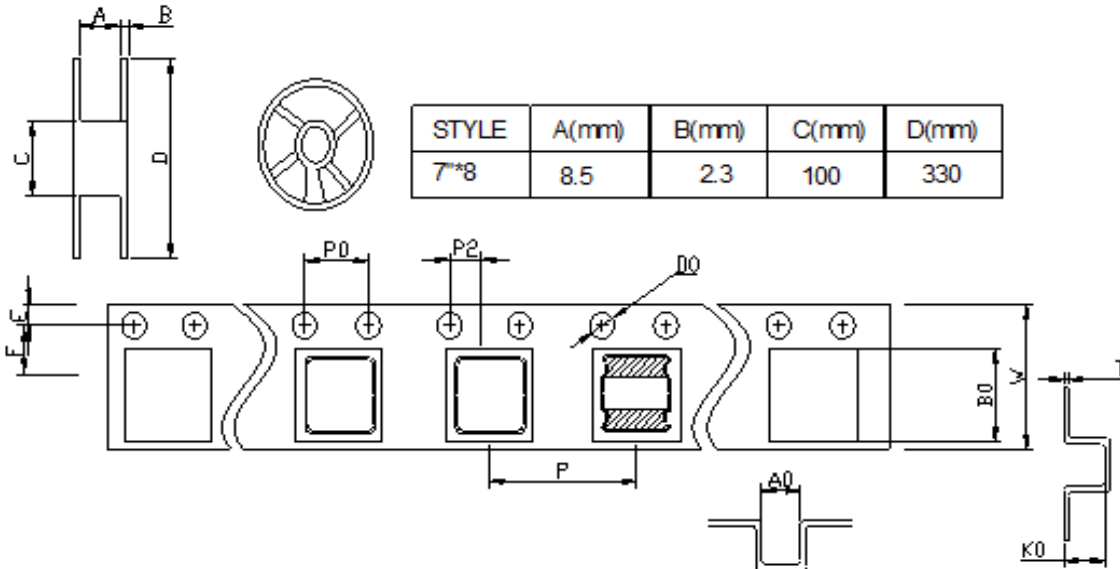
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PACKAGE:

9-1Reel Dimension Tape Dimension



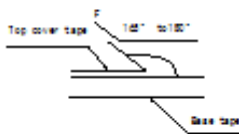
STYLE	A(mm)	B(mm)	C(mm)	D(mm)
7*8	8.5	2.3	100	330

STYLE	W	E	F	P	P0	P2	D0
8mm	8.0±0.3	1.75±0.1	3.5±0.05	4.0±0.1	4.0±0.1	2.0±0.05	1.5±0.1
	T	A0	B0	K0			
	0.26±0.05	2.2±0.1	1.8±0.1	1.2±0.1			

9-2Packaging Quantity

SERIES	1 REEL			MIDDLE CARTON		MIDDLE CARTON			
	QTY(PCS)	E TY(PCS)	A TY(PCS)	REEL	QTY(PCS)	SIZE(mm)	REEL	QTY(PCS)	SIZE(mm)
NR201610C	2000	30	40	g	16000	85*93*190	40	80000	400*200*400

9-3Tearing off Force



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

Room Temp (°C)	Room Humidity (%)	Room air (hpa)	Room Speed mm/min
5-35	45-85	880-1080	300

Application Notice

Storage Conditions

To maintain the solderability of terminal electrodes:

1. Temperature and humidity conditions: Less than 40°C 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 from perspiration 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.

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