

# SPECIFICATION FOR APPROVAL

CUSTOMER

CUSTOMER P/N

DESCRIPTION/SPEC

JHM252012 Series

EDITION

A

DATE

1/18/19

MADE BY: GAN JIAN RONG

CHECKED BY: XIA CHAO MING

APPROVED BY: XIA CHAO MING

CUSTOMER APPROVE

Please fax back after confirm of signature.

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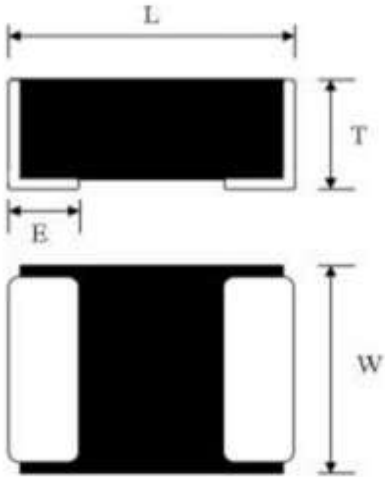
ISO9001 : 2000  
ISO14001 : 2004

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## JHM252012 Series

Rev.No.	A
Page	1

### I .CONFIGURATION&DIMENSIONS:



L:2.5±0.2 mm

W:2.0±0.2 mm

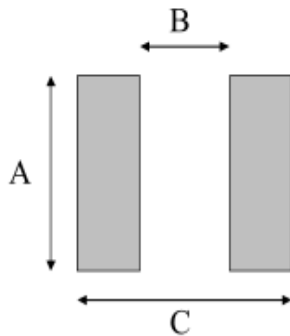
E:0.6±0.3 mm

T:1.2 max

### II .MATERIALS:

NO. DESCRIPTION

- a. CORE
- b. WIRE
- c. SOLDER
- d. INKING
- e. EPOXY



A [mm]	B [mm]	C [mm]
2.0	1.2	2.8.

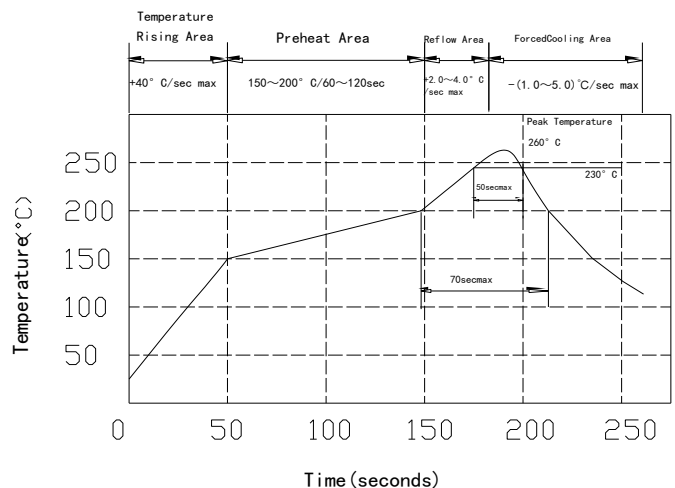
### III.GENERAL SPECIFICATION:

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





# SPECIFICATION FOR APPROVAL

<b>JHM252012 Series</b>								Rev.No.	A
								Page	3
Meas. Item	Electrical character								
	Ls	DCR	IDC						
<b>Spec.</b>	1.0±20%	49MAX	Isat=4.04A max G81n=Lower than L by30%						
<b>Unit</b>	uH	mΩ	uH						
<b>Test condition</b>	100kHz / 1V	at20°C	100kHz / 1V						
1	0.98	38.0	0.81						
2	0.94	39.0	0.78						
3	1.00	38.0	0.83						
4	0.96	39.0	0.80						
5	0.96	40.0	0.80						
6	0.95	38.0	0.79						
7	0.99	38.0	0.82						
8	1.00	37.0	0.83						
9	1.07	40.0	0.89						
10	1.02	39.0	0.85						
X̄	1.0	38.6	0.82						
max	1.07	40.0	0.89						
min	0.94	37.0	0.78						
R	0.13	3.0	0.108						

**TEST INSTRUMENT:**

HP4284AHP4285A METER LCD &DCR&Q&IDC&SRF

CH502BC METER DCR.

HP4192A METER LCD&Z.

CH9052BC METER HI-POT &I .R.

HP4287A METER LCD&Z&SRF&Q.

VR126G/7220 METER IDC

HP4284A&HP42841A METER LCD &DCR&IDC&SRF.

CH1061 METER LCD.

# SPECIFICATION FOR APPROVAL

<b>JHM252012 Series</b>										Rev.No.	A
										Page	4
Meas. Item	Mechanical dimensions										
	L(m/m)	W(m/m)	C(m/m)	D(m/m)	E(m/m)						
<b>Spec.</b>	2.5	2.00	1.2								
<b>Tolerance</b>	± 0.2	± 0.2	MAX								
1	2.50	2.00	1.10								
2	2.49	2.00	1.18								
3	2.49	1.99	1.17								
4	2.50	1.98	1.18								
5	2.50	2.00	1.13								
6											
7											
8											
9											
10											
$\bar{X}$	2.00	1.59	0.99								
max	2.01	1.61	1.00								
min	1.98	1.58	0.98								
R	0.03	0.03	0.02								

REMARK:

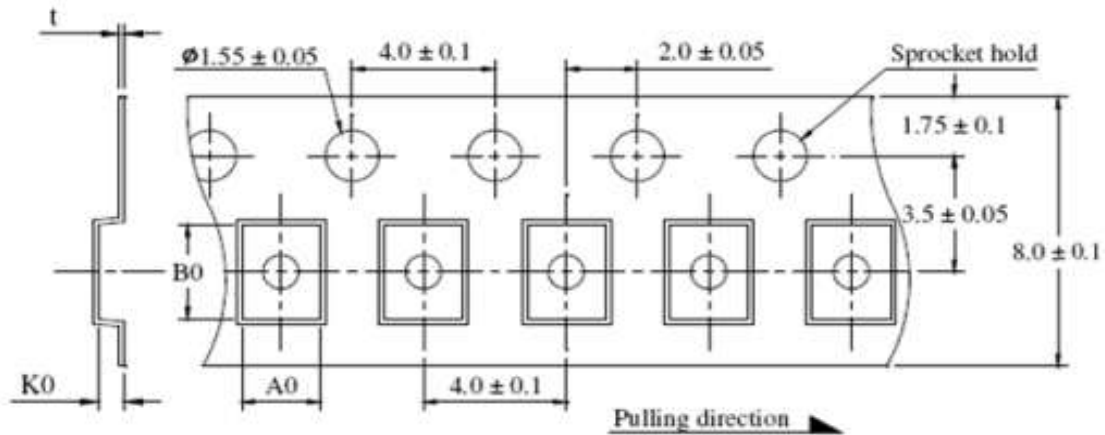
# SPECIFICATION FOR APPROVAL

## JHM252012 Series

Rev.No.	A
Page	5

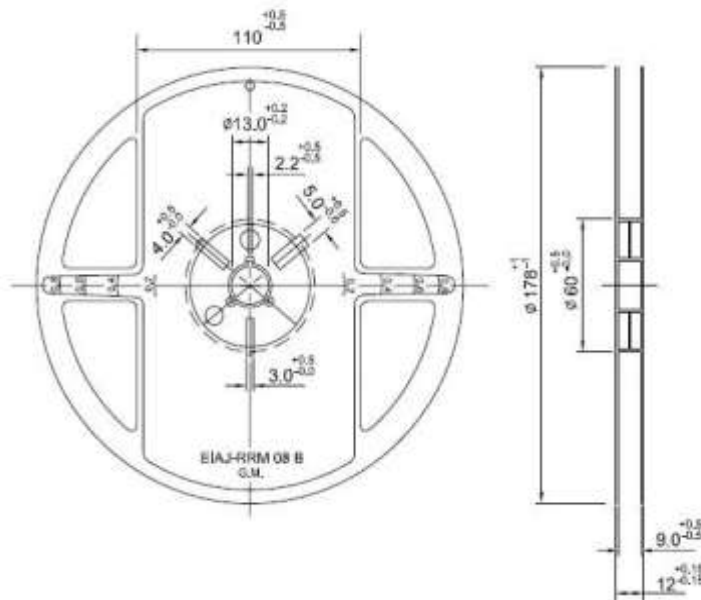
**PACKAGE:**

### 1. 寸法 Tape Dimensions



	A0	B0	K0	t
mm	2.25±0.05	2.80±0.1	1.35±0.1	0.22±0.05

### 2. 卷盘寸法图 Reel dimensions



PART SIZE (EIA SIZE)	<b>2520</b> <b>(1008)</b>
Qty.(pcs)	3,000
BOX	5 reels / inner box