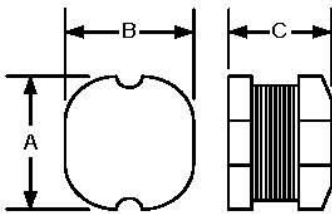


S P E C I F I C A T I O N S		DATE	03-13-2009
PART NAME	DATA SHEET	SPEC(TYPE)	SND0504-102K-NP

TEST INSTRUMENT

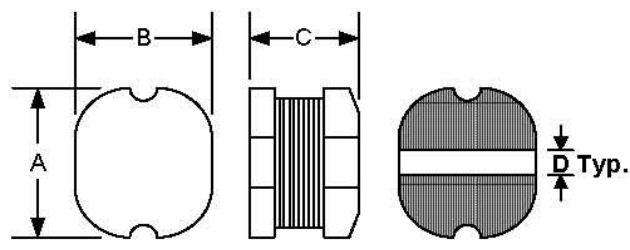
- 1. HP 4285A PRECISION LCR METER
- 2. WAYNE PMA3260A LCR METER
- 3. ZENTECH 9052 PROGRAMMABLE AUTO SAFETY TESTER
- 4. WAYNE KERR 3265A CURRENT SOURCE



ELECTRICAL CHARACTERISTICS				DIMENSION			
MEAS. ITEM	L (mH)	RDC(Ω)	IDC(A)	A	B	C	
TEST FREQ.	1KHZ /1V	Max.	Min.	m/m	m/m	m/m	
YOUR							
SPEC. SUGGEST	1.0±10%	10 ⁺⁰	0.1 ⁻⁰	5.8±0.3	5.2±0.3	4.5±0.3	
1	0.96	6.90	0.24	5.68	5.29	4.55	
2	0.98	6.89	0.24	5.67	5.23	4.51	
3	0.96	7.00	0.24	5.68	5.24	4.56	
4	0.96	7.00	0.24	5.63	5.25	4.49	
5	0.97	6.90	0.24	5.62	5.18	4.53	
6	0.98	6.90	0.24	5.62	5.19	4.49	
7	0.99	6.88	0.24	5.64	5.21	4.52	
8	1.00	6.90	0.24	5.66	5.20	4.55	
9	1.01	6.90	0.24	5.72	5.23	4.54	
10	1.01	6.90	0.24	5.69	5.30	4.55	
X	9.88	69.17	0.24	5.66	5.23	4.53	
R	0.160	0.005	0.000	0.100	0.120	0.070	
TEST CONDITION		TEMP.:	25℃		HUMIDITY:	50%	

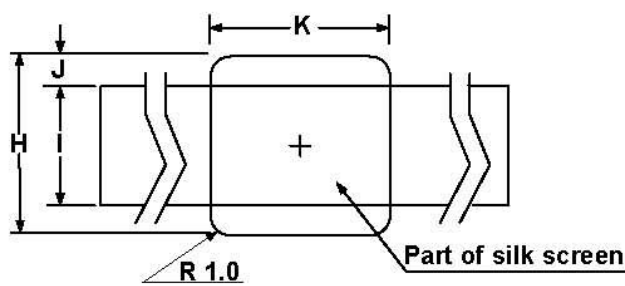
SPECIFICATIONS		DATE	03-13-2009
PART NAME	DIMENSION	SPEC(TYPE)	SND0504-102K-NP
		UNIT	m/m

■ SHAPE&DIMENSION



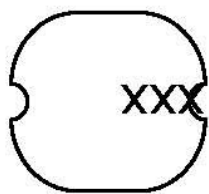
A	5.8±0.3
B	5.2±0.3
C	4.5±0.3
D	1.3Typ.

■ LAND PATTERN



H	6.0
I	1.7
J	2.15
K	5.5

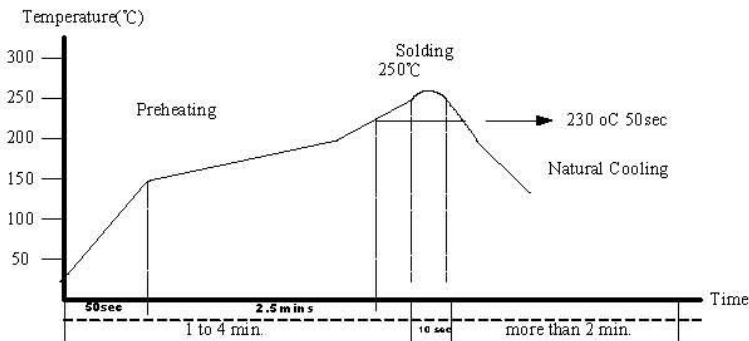
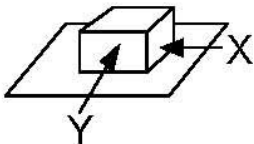
■ MARK



MARK COLOR : BLACK or WHITE

SPECIFICATIONS		DATE	03-13-2009
PART NAME	GENERAL CHARACTERISTI	SPEC(TYPE)	SND0504-102K-NP

Operating Temperature	-20℃ to +85℃ (Contain Heating coil)
Storage	-40℃ to +125℃
Appearance Inspection	No external defects by visual inspection
Terminal Strength	After soldering, between copper plate and terminals of coil, Push in two directions of X, Y with standing as below conditions. Terminal should not peeled off. (Refer to figure at right) 10.0 N 10sec. SND0504
Heat endurance of reflow soldering	Refer to below figure
Insulating resistance	Over 100MΩat 100V D.C. between wire and core.
Dielectric strength	No dielectric breakdown at 100V D.C. for 1 minute Between wire and core.
Temperature characteristic	Inductance coefficient(0~2,000)×10 ⁻⁶ /℃ (-40℃ ~+80℃)
Humidity characteristic	Inductance deviation with ±5.0%, after 96 hours in 90~95% relative humidity at 40±2℃ and 1hour drying under normal condition.
Vibration resistance	Inductance deviation with ±5.0% after vibration for 1 hour. In each of three orientations at sweep vibration (10~55~10Hz) with 1.5mm p-p amplitude.



A test is made under the above mentioned condition, and it is kept for 2 hours in the normal temperature and humidity. After that, no mechanical and electrical defect should be found.

