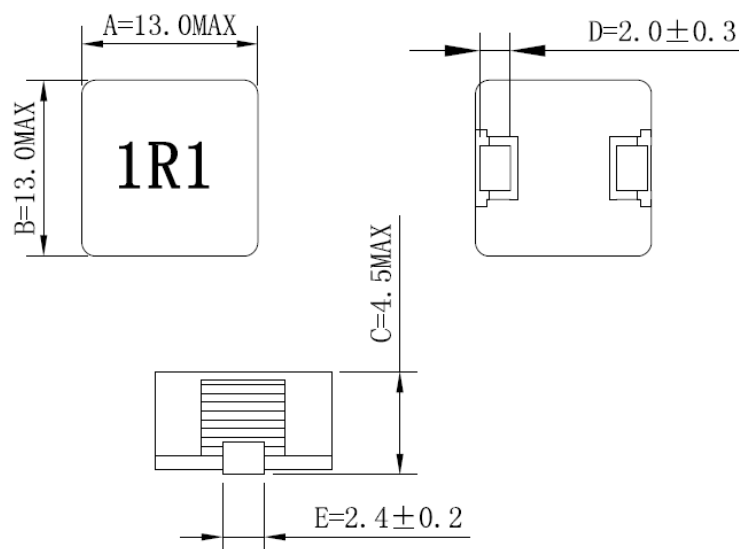
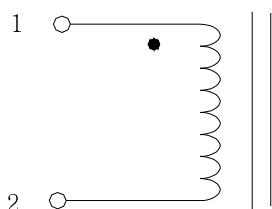


1.Drawing(UNIT:mm)
ASSEMBLY

SCHEMATICS

2.ELECTRICAL CHARACTERISTICS@25°C

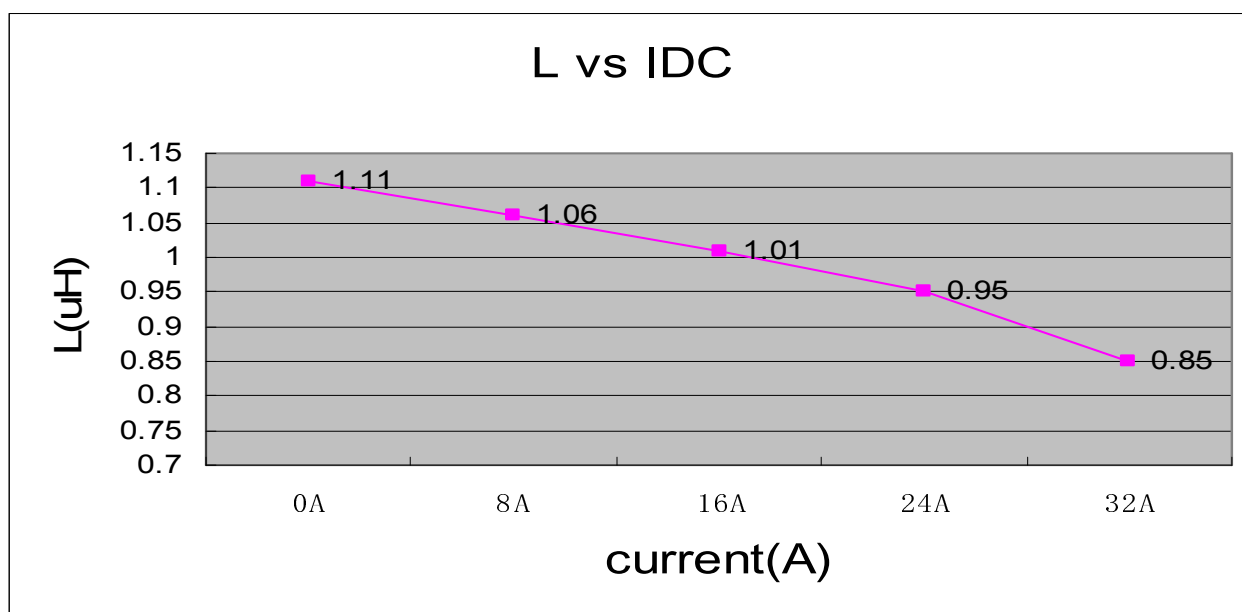
ITEM	SPEC. RANGE	TEST CONDITION	TEST INSTRUMENTS
L(0A)	1.1μH±20%	100KHZ/1V (Mode 1)	DU-6021
L(24A)	L(24A)≥88%		WK3260B&WK3265B
			DU-6021
DCR	4.2 mOHM (MAX)		DU-5010
IR(COIL-CORE)	100MOHM MIN	DC 200V	DU-332
HIPOT(COIL-CORE)	1mA MAX	AC 250V(6S)	DU-332

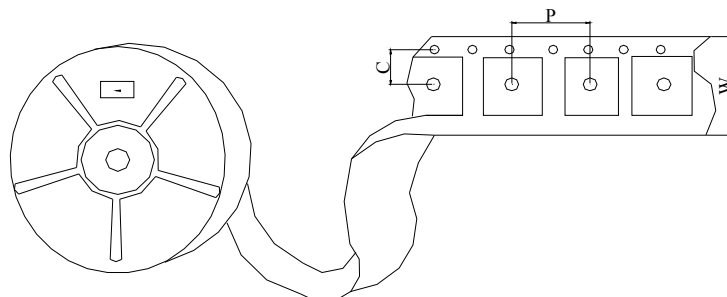
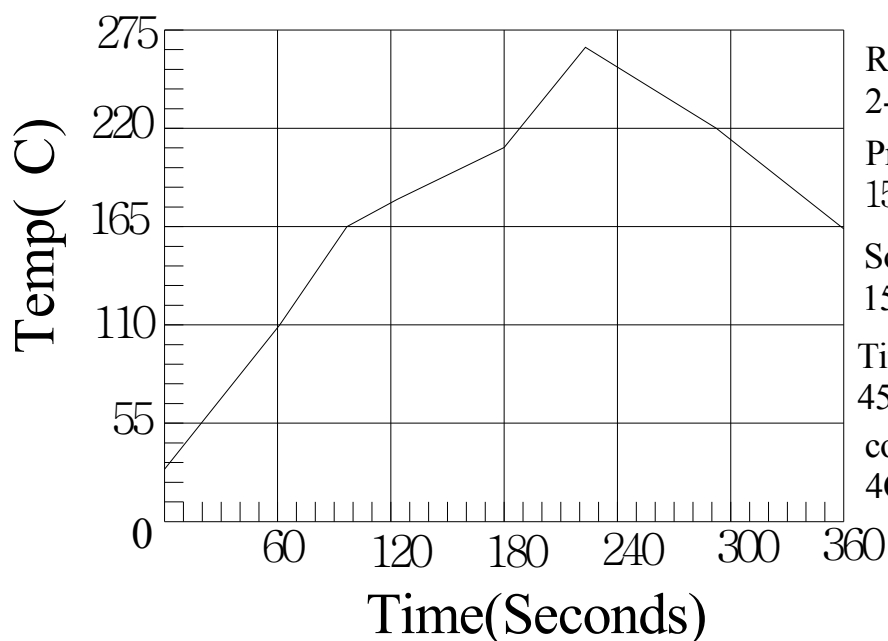
3.TEST DATA

ITEM	L(0A)	L(24A)		DCR	IR (COIL-CORE)	HIPOT (COIL-CORE)
TEST CON.	100KHz/1V				DC 200V	AC 250V(6S)
SPEC	1.1 μ H \pm 20%	L(24A) \geq 88%		4.2mOHM MAX	100MOHM MIN	1mA MAX
MAX	1.32			4.2		1
MIN	0.88				100	
1	1.11	93.86%		3.73	OK	OK
2	1.10	93.88%		3.76	OK	OK
3	1.09	95.02%		3.78	OK	OK
4	1.14	92.79%		3.74	OK	OK
5	1.15	92.67%		3.70	OK	OK
REMARK:						

4.MATERIAL LIST

NO.	PART NAME	DISCRIPTION	SUPPLIER	REMARK
1	E CORE	AT0527-68	YZ	
2	I CORE	AB0510P	YZ	
3	COPPER	0.24*4.5TS	PREJECTION	
4	EPOXY	S-T3		
5	SOLDER	Sn96.5Ag3Ca0.5		

5. L VS IDC


6.PACKAGE

Carrier Dimensions:
P=20.0mm
C=11.5mm
W=24.0mm
Quantity per Reel: 400pcs
Reel Size:330mm
7.IR Profile

Rate of Rise:
 2-3C/Sec Max.

Pre-Heat:
 150C/90 Sec Max

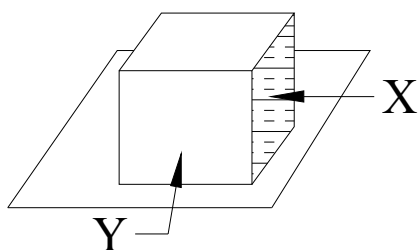
Soak:
 150-170C/60-90 Sec

Time Above 217C:
 45-75 Sec

cool down:
 4C Max./Sec

8.GENERAL CHARACTERISTICS

Operating Temperature	-30 to+100°C (Contain Heating Coil)
Appearance Inspection	No external defects by visual inspection
Terminal Strength	



After soldering,between copper plane and terminals of coil,push in two directions of X ,Y with standing as below conditions. terminal should not peel off. (refer to figure at left)

HEAT endurance of **Refer to figure (7.IR Profile)**

flow soldering

Insulating resistance Over 100MΩ at 200V D.C.between wire and core.

Dielectric Strength NO dielectric breakdown at 100V D.C. for 1minute between wire and core.

Temperature characteristics Inductance coefficient $(0\sim 2,000)\times 10^{-6}/^{\circ}\text{C}$ (-25~+80°C)

Humidity characteristics Inductance deviation within±5%,after 96 hours in 90~95% relative humidity at 40±2°C and 1 hour drying under normal condition.

Vibration resistance inductance deviation within±5%,after vibration for 1 hour. In each of three orientations at sweep vibration

(10~55~10Hz) with 1.5mm p-p amplitude.

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