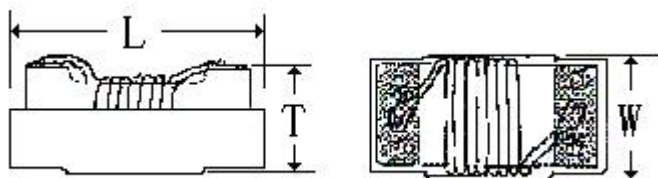
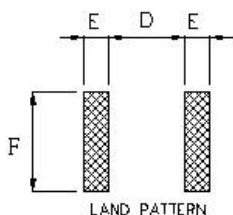


**SHAPE & DIMENSION (UNIT:mm)**


L	2.29MAX
W	1.73MAX
T	1.52MAX
E	1.02Typ.
D	0.76Typ.
F	1.78Typ.

**PAD LAYOUT(MM):**

**ELECTRICAL SPECIFICATION**

MEAS. ITEM	SPEC.				TEST FREQ.	CONDITIONS
<b>L</b>	<b>47</b>	<b>μH</b>	<b>±</b>	<b>10%</b>	<b>2.5MHz/0.1V</b>	<b>Ta=25°C, Idc=0A</b>
<b>Q</b>	<b>14</b>	<b>MIN</b>			<b>2.5MHz/0.1V</b>	
<b>DCR</b>	<b>4.42</b>	<b>Ω</b>	<b>MAX</b>			<b>Ta=25°C</b>
<b>Isat</b>	<b>160</b>	<b>mA</b>	<b>MAX</b>		<b>2.5MHz/0.1V</b>	<b>ΔL/L ≤ 30%</b>
<b>Irms</b>	<b>160</b>	<b>mA</b>	<b>MAX</b>		<b>2.5MHz/0.1V</b>	<b>Δ ≤ 40°C</b>
<b>SRF</b>	<b>15</b>	<b>MHz</b>	<b>MIN</b>			

**GENERAL SPECIFICATION**

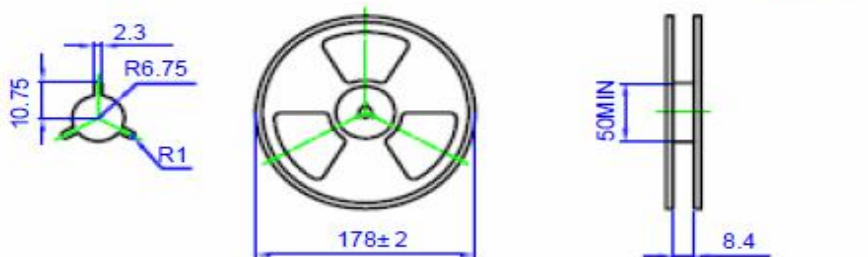
Electrical specifications :	at 25°C
Operation Temperature:	-40~+125°C
Storage Temperature:	-40~+125°C

**TEST DATA FOR PREPRODUCTION SAMPLE**

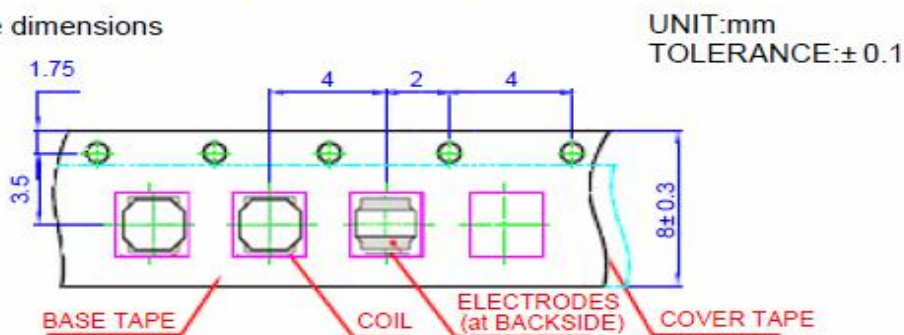
TEST RESOLUTION				DIMENSION (Unit: mm)		
MEAS.	L	D.C.R	Q	L	W	T
ITEM	$\mu\text{H}$	$\Omega$		mm	mm	mm
SPEC.	47	4.42	14	2.29MAX	1.73MAX	1.52MAX
	$\pm$					
	10%	MAX	MIN			
TEST FREQ.	2.5MHz/0.1V	At 25°C	2.5MHz/0.1V			
1	47.30	3.940	17.0	2.16	1.52	1.22
2	47.38	3.930	17.0	2.14	1.50	1.20
3	47.20	3.940	16.0	2.14	1.50	1.21
4	47.10	3.950	17.0	2.16	1.51	1.22
5	47.10	3.940	17.0	2.15	1.52	1.22
6	46.86	3.930	17.0	2.16	1.52	1.21
7	47.18	3.930	16.0	2.14	1.51	1.20
8	47.18	3.930	17.0	2.15	1.51	1.22
9	46.90	3.940	17.0	2.16	1.50	1.21
10	47.32	3.950	17.0	2.15	1.51	1.20
AVG.	47.15	3.938	16.80	2.15	1.51	1.21
R	0.52	0.020	1.00	0.02	0.02	0.02

PACKAGING

Reel dimensions

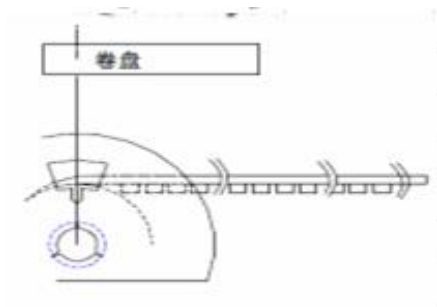


Tape dimensions



Packaging

Quantity: 2000 pcs/reel



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