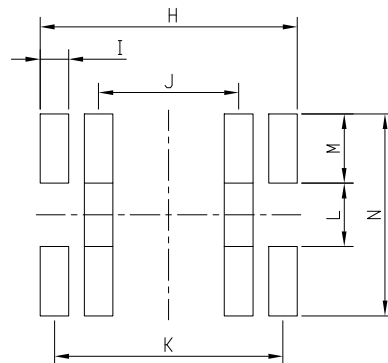
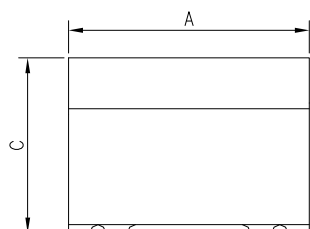


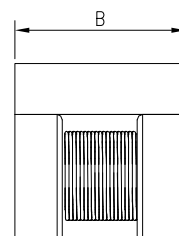
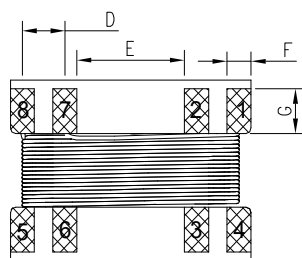
SPECIFICATION

Part No. CL4532A-201

A. MECHANICAL :



Recommended PAD Layout

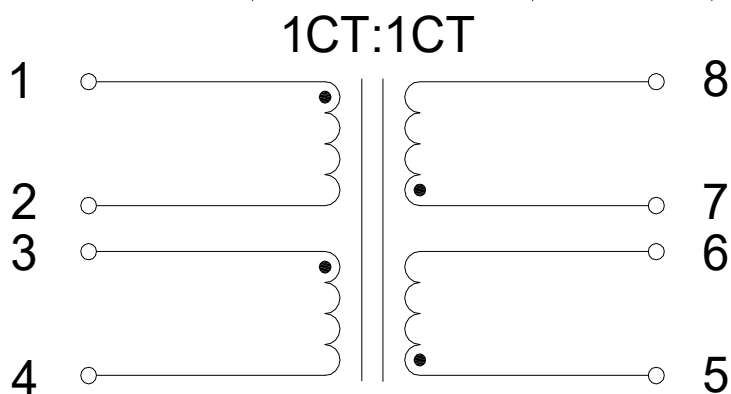


1.UNITS:mm/inch.

2.UNLESS OTHERWISE SPECIFIED ALL
TOLERANCES ARE: $\pm 0.25\text{mm}/0.010\text{inches}$

3.PIN LENGTH DON'T INCLUDE SOLDER POINT

DIM	MILLIMETERS			INCHES		
	MIN	NOM	MAX	MIN	NOM	MAX
A	4.25	4.50	4.75	0.167	0.177	0.187
B	2.95	3.20	3.45	0.116	0.126	0.136
C	/	/	3.50	/	/	0.138
D	0.65	0.80	0.95	0.026	0.031	0.037
E	1.85	2.00	2.15	0.073	0.079	0.085
F	0.30	0.45	0.60	0.012	0.018	0.024
G	0.65	0.80	0.95	0.026	0.031	0.037
H	/	4.50	/	/	0.177	/
I	/	0.45	/	/	0.018	/
J	/	2.45	/	/	0.096	/
K	/	4.05	/	/	0.159	/
L	/	1.05	/	/	0.041	/
M	/	1.15	/	/	0.045	/
N	/	3.35	/	/	0.132	/

SPECIFICATION
Part No. CL4532A-201
B. SCHEMATIC :

C. ELECTRICAL SPECIFICATION @25°C

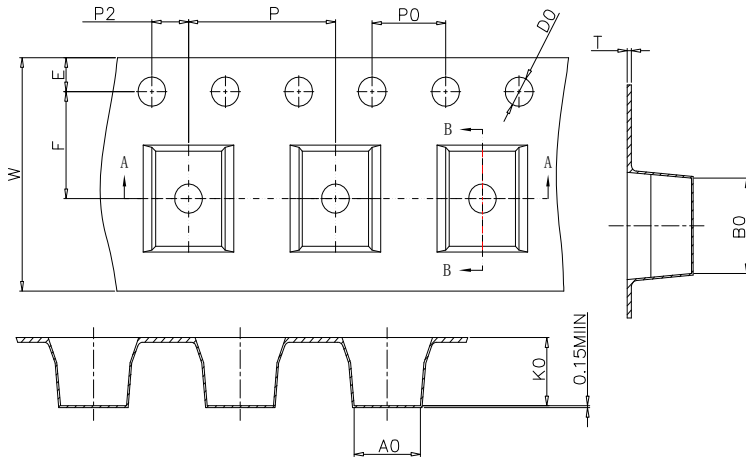
ITEM	SPECIFICATION	TEST CONDITION	TEST EQUIPMENT
INDUCTANCE :	200uH MIN	100KHz,0.1V 8mA DC Bias	TH2819XB OR EQU.
LEAKAGE INDUCTANCE :	0.40uH MAX	100KHz,0.1V	TH2819XB OR EQU.
INTERWINDING CAPACITANCE :	40pF TYP	100KHz,0.1V	TH2819XB OR EQU.
INSERTION LOSS :	-1.5dB MAX	0.5-100MHz	E5061A OR EQU.
REQUENCY LOSS :	-18dB MIN	0.5-40MHz	E5061A OR EQU.
	-12+20*log(f/80)	40.1-100MHz	E5061A OR EQU.
DC RESISTANCE :	3.8Ω MAX	AT 25 °C	TOS 8020 OR EQU.
TURNS RATIO:PRI :SEC P1-4:P5-8(shortP2-3,P6-7)	1CT:1CT±5%		TH2819XB OR EQU.
HI-POT :	1500Vrms	1mA 60S	7152AB OR EQU.
OPERATING TEMPERATURE:	0°C TO +70°C		

PACKAGE

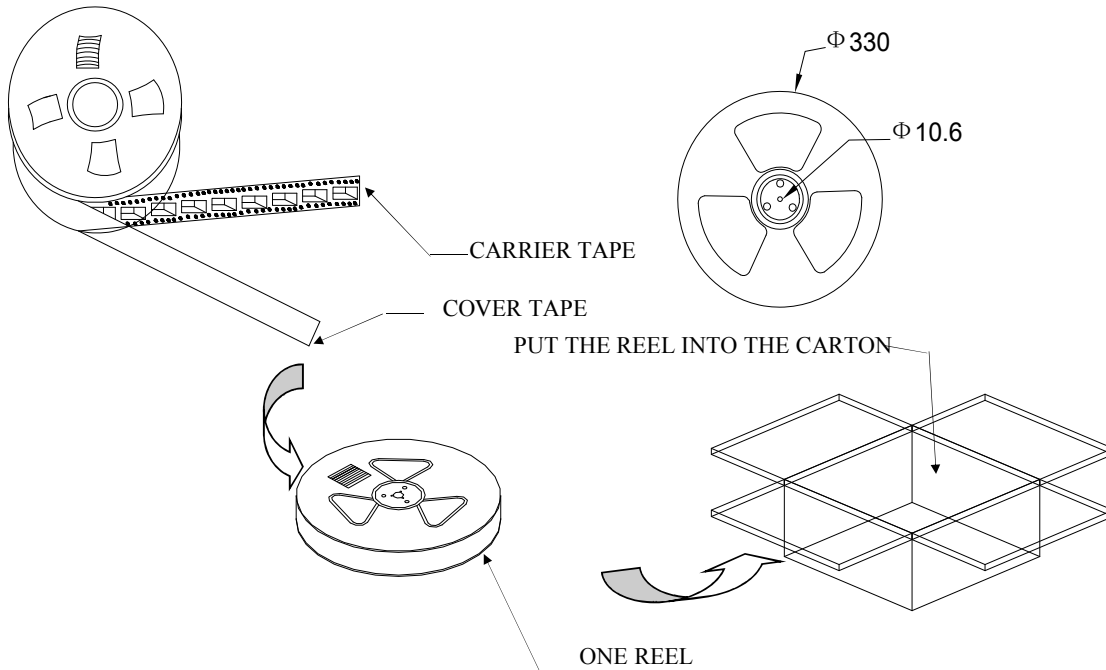
Part No. CL4532A-201

D. PACKING:

a. PACKAGING AS BELOW (ONLY FOR A REFERENCE):



W	12.00±0.30	P	8.00±0.10	A0	3.60±0.10
E	1.75±0.10	P0	4.00±0.10	B0	4.90±0.10
F	5.50±0.10	P2	2.00±0.10	D0	1.50 ^{+0.10} _{0.00}
T	0.35±0.05	K0	3.50±0.10		



b. Q'TY:

2200 PCS PER REEL
 12 REELS PER CARTON
 26400 PCS PER CARTON

c. LABEL:



REMARK:

ABOVE PACKING IS FOR YOUR REFERENCE ONLY, WHICH MIGHT BE CHANGED WITHOUT NOTICE.

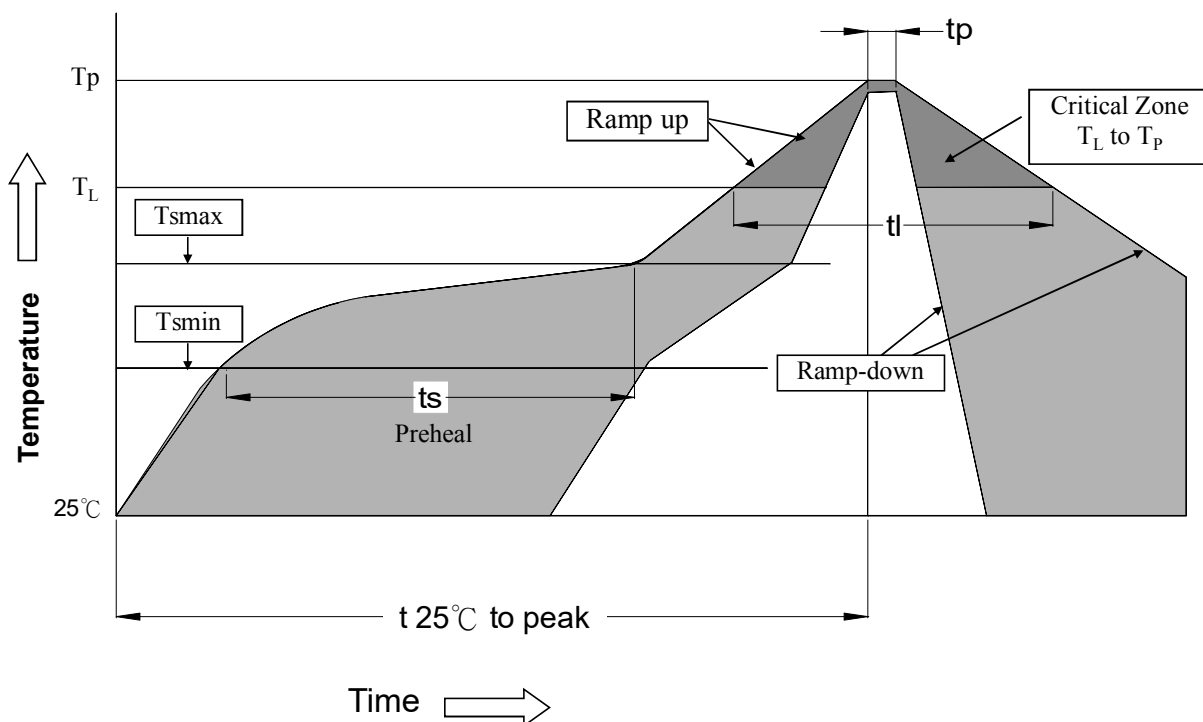
MATERIAL LIST
Part No. CL4532A-201
E.BOM

MATERIAL LIST					
NO.	ITEM	MATERIAL	RATING	SUPPLIER OF MATERIAL	UL/VDE
1	CORE	Ni-Zn	-----	RUYUAN DONGYANGGUANG MAGNETIC MATERIAL CO.LTD	N/A
			-----	CHONGQING ZHENGFENG ELECTRONICS	N/A
2	COPPER WIRE	QPN180	180℃	ZHUHAI SUNTEK WIRE CO.LTD	E234867
		Polysol 180	180℃	ELEKTRISOLA(MALAYSIA) SDN.BHD.	E258243
3	GLUE	6087G2	-----	MIANYANG WELLS ELECTRONIC MATERIALS CO.LID	N/A

RECOMMENDED REFLOW SOLDERING PROFILE

Part No. CL4532A-201

a. RECOMMENDED REFLOW SOLDERING PROFILE:



$T_L = 217^\circ\text{C}$

$T_p = 250^\circ\text{C}$

$t_s = 60-180\text{s}$ $T_s \text{ max} = 200^\circ\text{C}$ $T_s \text{ min} = 150^\circ\text{C}$

$t_L = 60-150\text{s}$ $t_p = 20-40\text{s}$ $T_{25^\circ\text{C to peak}} = 8\text{min max}$

Ramp up rate = 3°C/s max

Ramp down rate = 6°C/s max

*RoHS Compliant

*Solder Paste SAC 305 Sn 96.5/Ag 3.0/Cu 0.5

*Silkscreen thickness: 0.10mm

b. MOISTURE SENSITIVE LEVEL:

b.1. LEVEL: 1

b.2. SHELF LIFE: UNLIMITED

b.3. STORAGE CONDITION: $\leq 30^\circ\text{C}/85\% \text{ RH}$