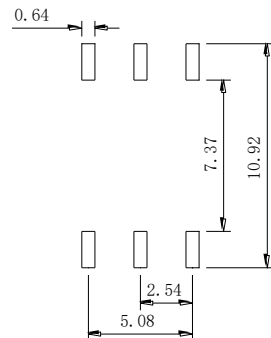
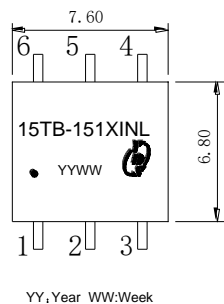
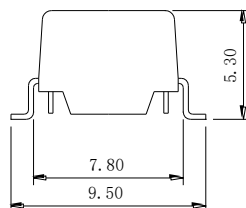
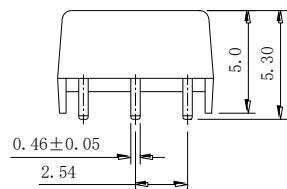


一、Mechanical Dimensions

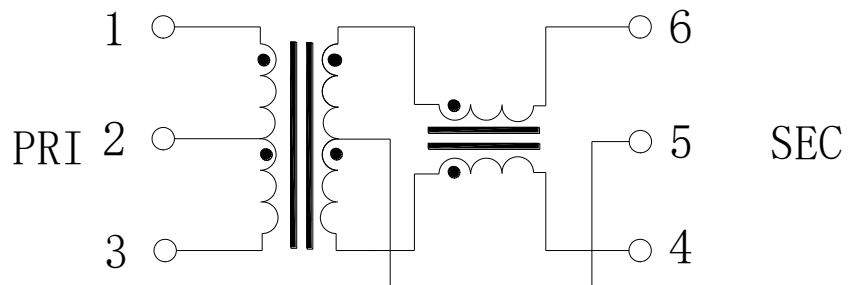


SUGGESTED PAD LAYOUT



UNIT:mm Unless otherwise specified.all tolerances are±0.25

二、Schematics



表号: TE0115A

REV.	DESCRIPTION	DATE	DWN	AP'PD
1.0		17.10.19	Zhou	Hsu
1.1	Correct Characteristic	17.10.31	Zhou	Hsu
1.2	Correct Appearance	17.12.18	Zhou	Hsu
1.3	Correct Characteristic	18.7.9	Zhou	Liu

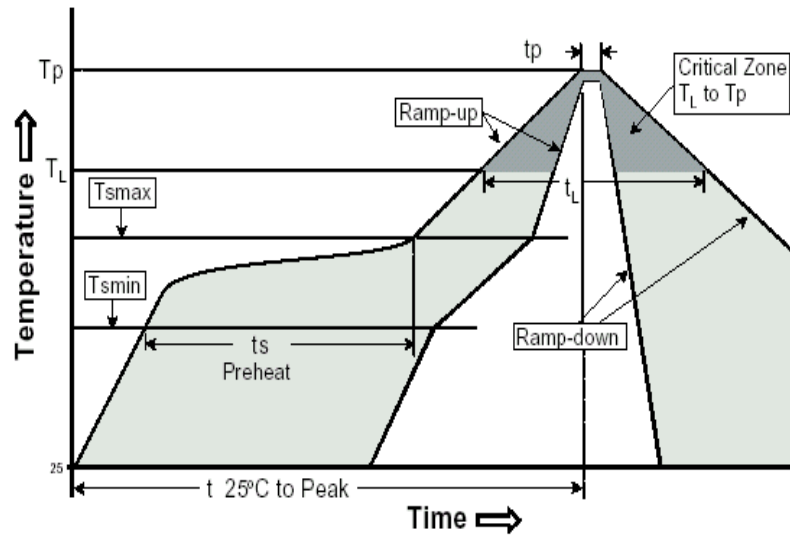
三、ELECTRICAL SPECIFICATIONS@25°C:

1. Turn Ratio(±2%): 1CT:1CT
2. OCL(100KHz/0.1V):150uH MIN
3. LL(100KHz/0.1V):0.5 uH MAX
4. Pri DCR:0.55 Ω MAX
5. Sec DCR:0.85 Ω MAX
6. Insertion Loss (dB MAX):-0.25dB(4MHz)
7. Return Loss(dB MIN): -20dB(4MHz)
8. CMR(dB TYP): -35dB(1~10MHz),-20dB(10-1000MHz)
9. HI-POT:4300VDC/0.5mA/60Sec
10. Operating Temperature: -40°C ~+125°C
11. RoHS compliance:YES
12. Comply with AEC-Q200 standard

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	TITLE	TRANSFORMER		
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	AP'PD	Liu zhi Jun	DWN	Chen JiaPei

四、 Our RoHS parts just can withstand IR Reflow peak temperature: 245degC+/-5degC as the following profile:

REV.	DESCRIPTION	DATE	DWN	AP'PD



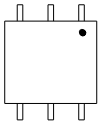
Profile Feature	Pb-Free Assembly
Average Ramp-Up Rate (T_{smax} to T_p)	3°C /second max.
Preheat -Temperature Min (T_{smin}) -Temperature Max (T_{smax}) -Time (t_{smin} to t_{smax})	150°C 200°C 60-120 seconds
Time maintained above: -Temperature (T_L) -Time (t_L)	217°C 60-150 seconds
Peak/Classification Temperature (T_p)	245±5°C
Time within 5°C of actual Peak Temperature (t_p)	20-40 seconds
Ramp-Down Rate	6°C/seconds max
Time 25°C to Peak Temperature	6 minutes max.

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	PAGE NO	2-3	DATE	2020-3-2
	AP'PD	Liu zhi Jun	DWN	Chen JiaPei

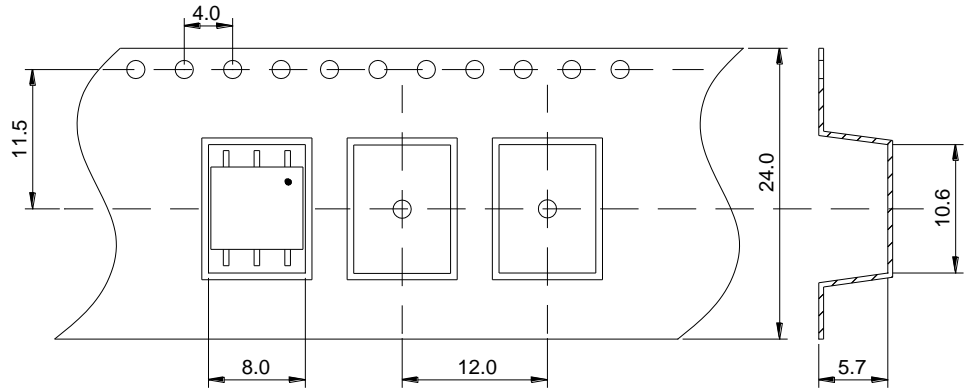
REV.	DESCRIPTION	DATE	DWN	AP'PD

五、 Packing Information:

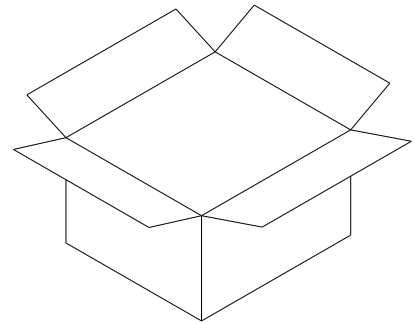
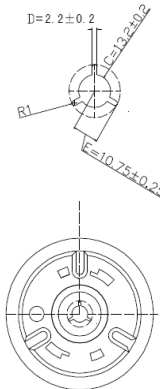
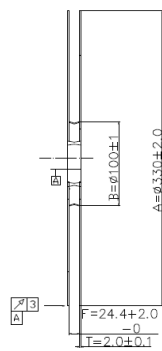
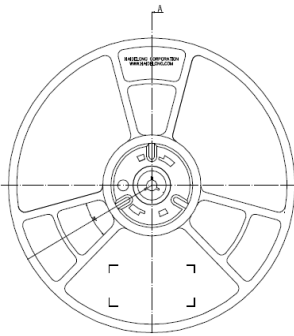
- 1.Weight-----0.44 grams/pcs
- 2.Tape & Reel----- 800 pcs
- 3. outer carton unit: 8000pcs/box
- 4. outer carton unit: 10 T&R/box
- 5.Weight: 9.1kg per carton



Mechanicals



Tape & Reel



Outer carton: 365x365x350mm



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