

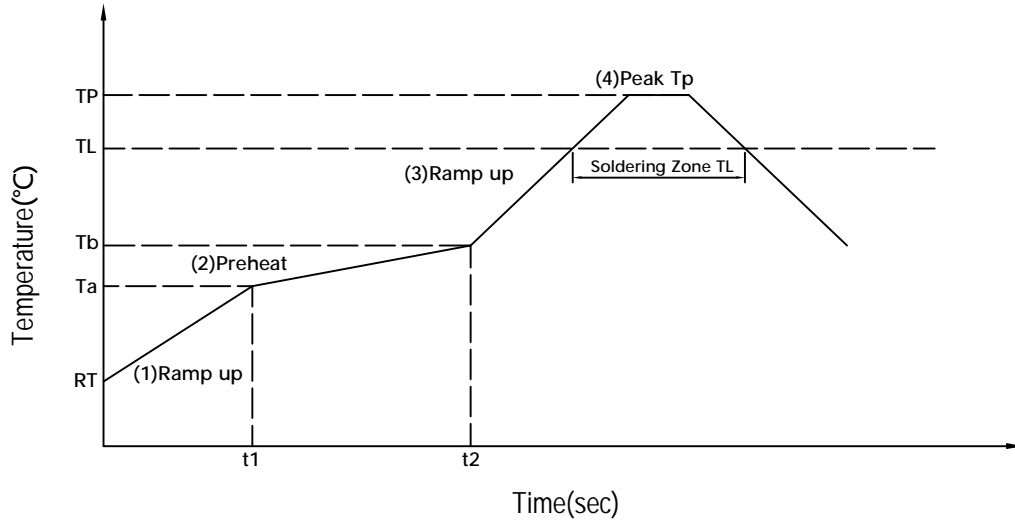
ELECTRICAL CHARACTERISTICS:

1. DCR : PIN (1-12) = 110mΩ MAX
 PIN (4+5+6)-PIN (7+8+9) = 30mΩ MAX
 PIN (2-11) = 120mΩ MAX
 PIN (3-10) = 400mΩ MAX
2. INDUCTANCE (@10KHz, 0.1Vrms):
 PIN (1+2) - (11+12) = 30uH ±10%
3. TURN RATIO (@10KHz, 0.1Vrms)
 1-12 : 2-11 = 1 ±5%
 1-12 : 3-10 = 1.5 ±5%
 1-12 : 4-9 = 1.64 ±5%
 1-12 : 5-8 = 1.64 ±5%
 1-12 : 6-7 = 1.64 ±5%
4. HI-POT (@1500VAC ,1mA, 1min) = PRI-SEC
5. RoHS COMPLIANT

F	ADD BLACK SQUARE DOT	02/20/2024	SHIRLEY	BETTY	BETTY	AOEM	TITLE	FLYBACK TRANSFORMER	
E	CHANGE HI-POT	09/23/2020	SHIRLEY	TINA	TINA		DWG. NO.	ATS-1145R	
D	CHANGE DIM.	06/24/2020	SHIRLEY	BETTY	BETTY		UNITS:	M/M	SHEET 1 of 1
	RELEASE	05/14/2012	SHIRLEY	DICK	DICK		SAFETY		
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	DRAW	
REVISIONS						05/14/12		SHIRLEY	



Pb-free Soldering IR Reflow(SMD)



- 1,MSL Grade: 1 Level 2,Floor life: 2years 3,Condition:≤30°C RH 85%
 2,Form-1(Reference JEDEC J-STD-020D Table 5-2)

IR reflow profile		Pb-free
step#	Profile Feature	Condition/Duration
step1	Ramp-up rate	3°C/second max
step2	Preheat:150°C-200°C(Ta-Tb)	t1-t2:60-120seconds
step3	Ramp-up rate(TL to Tp)	3°C/second max
	Temperature maintained above 217°C	60-150seconds
step4	Peak temperature(Tp)	260+0/-5°C
	Time within 5°C of actual peak temperature	30seconds max
Ramp-down rate(Tp to TL)		6°C/second max

- 3,Form-2(Reference JEDEC J-STD-020D Table 4-2)

Package Thickness	Volume mm ³ <350	Volume mm ³ 350-2000	Volume mm ³ >2000
<1.6mm	260+0/-5°C	260+0/-5°C	260+0/-5°C
1.6mm-2.5mm	260+0/-5°C	250+0/-5°C	245+0/-5°C
>2.5mm	250+0/-5°C	245+0/-5°C	245+0/-5°C