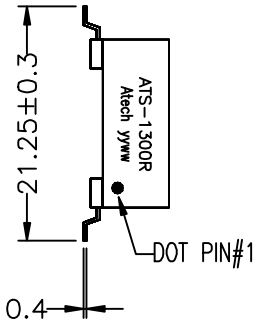
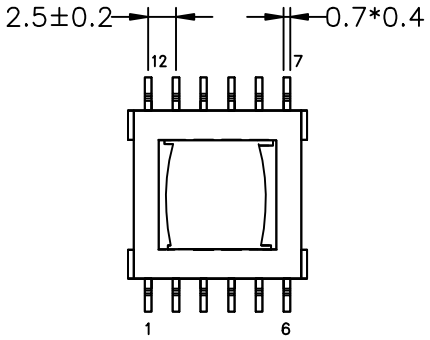
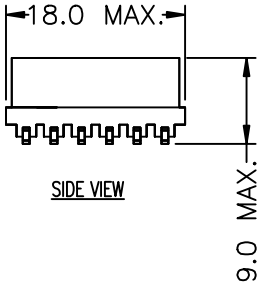
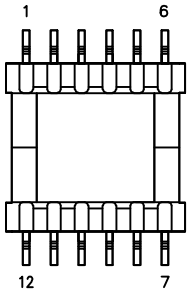




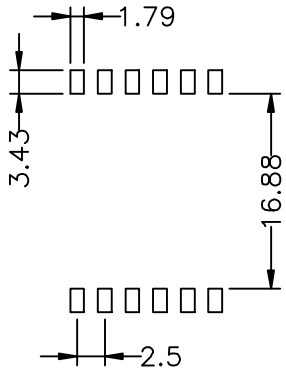
TOP VIEW



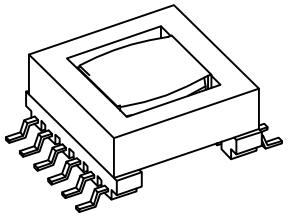
SIDE VIEW

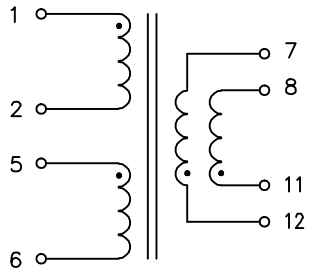


BOTTOM VIEW



RECOMMENDED LAND PATTERN





ELECTRICAL CHARACTERISTICS AT 25°C :

1. DCR : PIN 1−2 = 300mΩ MAX.
   PIN 5−6 = 250mΩ MAX.
   PIN 7−12 = 120mΩ MAX.
   PIN 8−11 = 120mΩ MAX.
2. INDUCTANCE : (@250KHz, 0.1Vrms) : PIN 1−2 = 127uH ±10%
3. INDUCTANCE : (@250KHz, 0.1Vrms, Idc 1.0A) : PIN 1−2 = 101uH MIN.
4. LEAKAGE INDUCTANCE : (@250KHz, 0.1Vrms)
   PIN 1−2 (PIN 5−6,7.8−11.12 SHORT) = 10uH MAX.
5. TURN RATIO : (@100KHz, 0.1Vrms)
   PIN 1−2 : 5−6 = 2 ±2%
   PIN 1−2 : 12−7 = 2 ±2%
   PIN 1−2 : 11−8 = 2 ±2%
6. HI−POT : (@1500VAC, 2mA, 1SEC) PIN 1.5 − PIN 11.12
7. OPERATING TEMPERATURE RANGE : −40°C TO +125°C
8. AMBIENT TEMPERATURE RANGE : −40°C TO +85°C
9. STORAGE TEMPERATURE RANGE : COMPONENT : −40°C TO +85°C
   T&R PACKAGING : 0°C TO +85°C
10. RoHS COMPLIANT

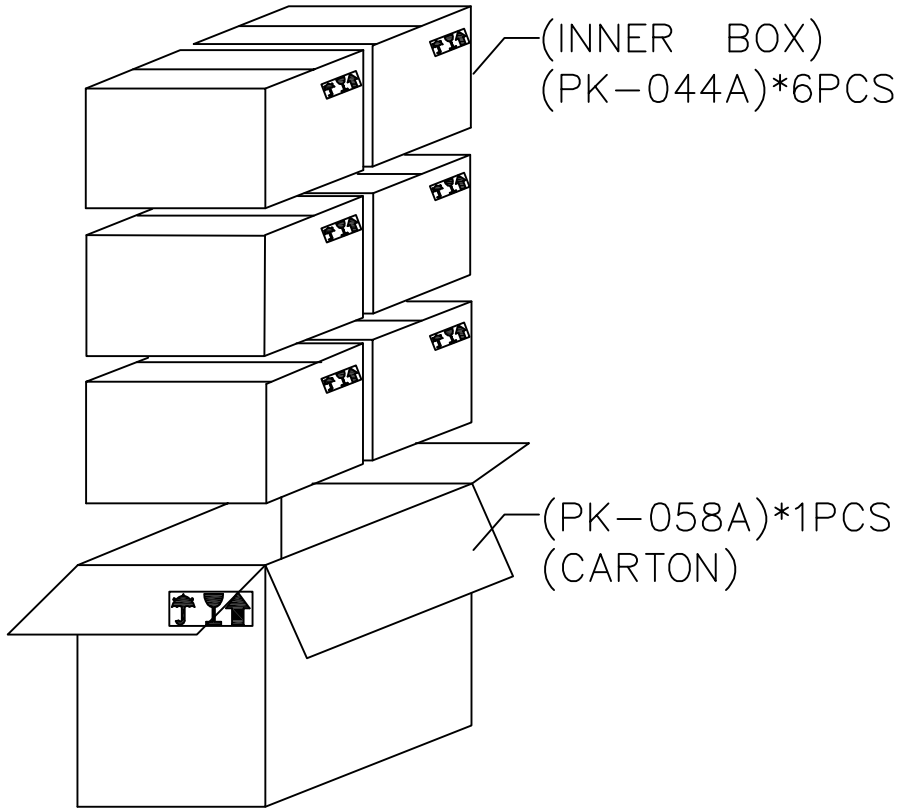
Unit : mm

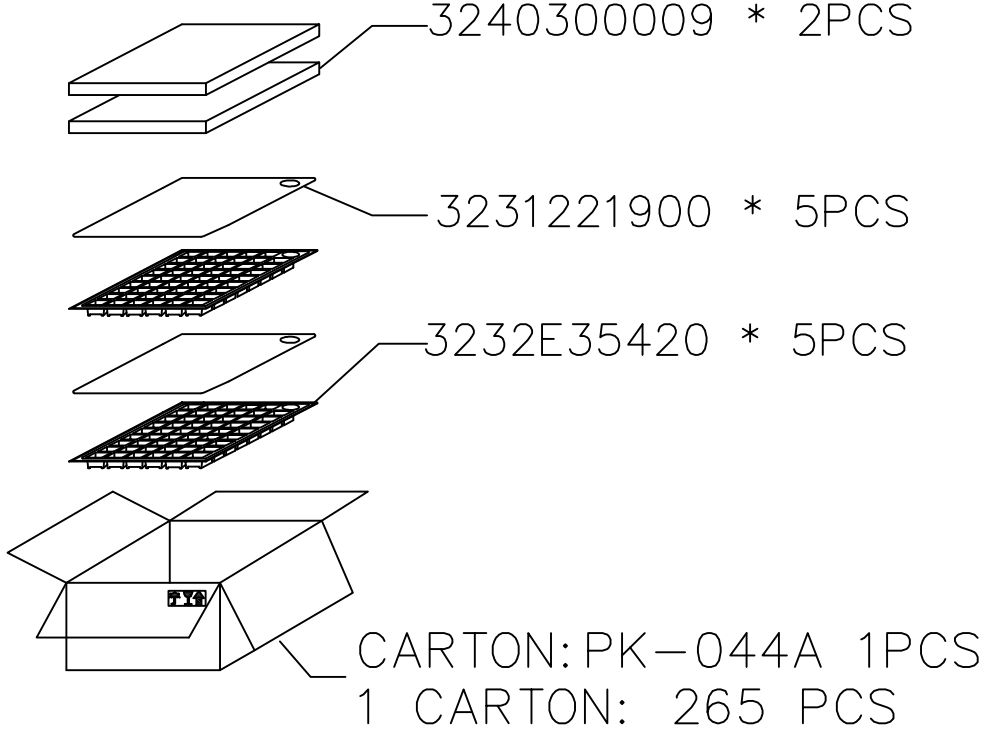
NO:	DESCRIPTION	DATE	BY	CHK	APPD
A	CHANGE ELECTRICAL CHARACTERISTICS	12/14/2015	SHIRLEY	RONAN	RONAN
	RELEASE	11/26/2013	SHIRLEY	RONAN	RONAN

REVISIONS

AOEM. Atech

TITLE: FLYBACK TRANSFORMER
DWG. NO.: ATS-1300R
UNITS: M/M
SAFETY:
SHEET 1 OF 1
DATE: 11/26/13
P/N:
DRAW: SHIRLEY





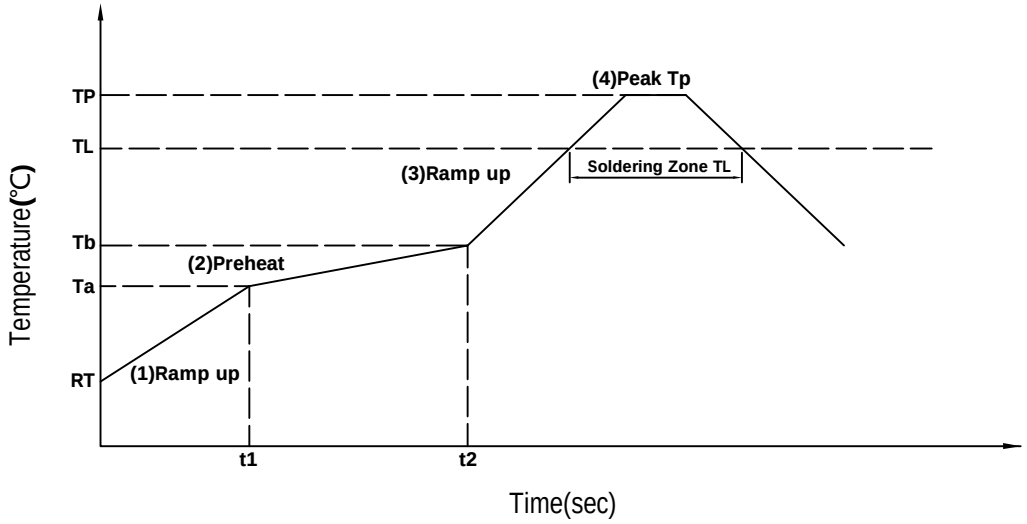
ONE TRAY: 53PCS
1PCS PK-044A: 265PCS
1PCS PK-058A: 6 PCS PK-044A
1590PCS

NO:	DESCRIPTEON	DATE	BY	CHK	APPD
	RELEASE	11/26/2013	Yang	Wang	Dai
	REVISIONS				

AOEM

TITLE	PACKING
DWG.	968SE35400
UNITS	M/M
SAFETY	
SHEET	1 OF 1
DATE	11/26/2013
P/N:	
DRAW	杨明静

Pb-free Soldering IR Reflow(SMD)



1,MSL Grade: 1 Level 2,Floor life: 2years 3,Condition:≤30℃ 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℃**/second max**
step2	Preheat:150℃**-200**℃**(Ta-Tb)**	**t1-t2:60-120seconds**
step3	Ramp-up rate(TL to Tp)	3℃**/second max**
	Temperature maintained above 217℃	60-150seconds
step4	Peak temperature(Tp)	260+0/-5℃
	Time within 5℃ of actual peak temperature	30seconds max
Ramp-down rate(Tp to TL)		6℃**/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℃	260+0/-5℃	260+0/-5℃
1.6mm-2.5mm	260+0/-5℃	250+0/-5℃	245+0/-5℃
>2.5mm	250+0/-5℃	245+0/-5℃	245+0/-5℃