DATE: 2018/03/06 (REV:A1)

10/100BASET-T TRANSFORMER
MODEL NO.: HD-252

FEATURE:

RoHS Compliant
RoHS peak solder rating 260℃ 3~5 sec
Meets IEEE802.3af specification
Designed to meet IR requirement
Operating temp.：-40℃ ~ +85℃

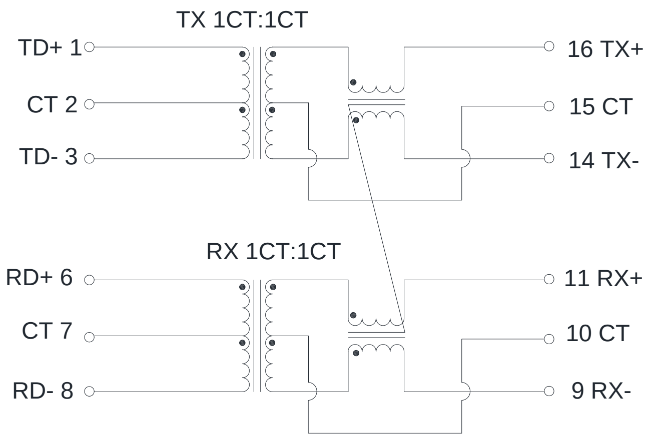
SPECIFICATIONS : @ 25℃

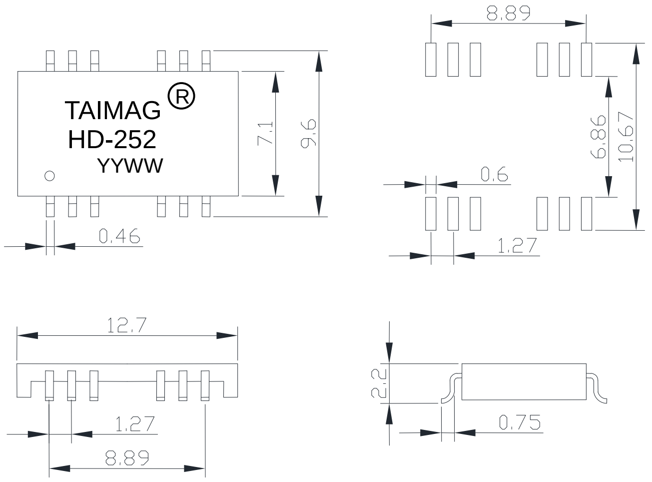
OCL : 350 uH Min @100kHz ,100mv
DCR : 1.0Ω Max.

Turns Ratio（±3%）	Insertion Loss MHz (dB MAX）	Return Loss MHz (dB MIN)				Cross Talk MHz（dB MIN）			CMRR			HIPOT（VAC）
1CT:1CT	1 ~ 100	1~30	40	50	60-80	30	60	100	30	60	100	1500
	-1.2	-16	-14	-13	-12	-45	-45	-35	-43	-37	-33	

SCHEMATICS :

DIMENSION :mm；TOLERANCE :±0.25





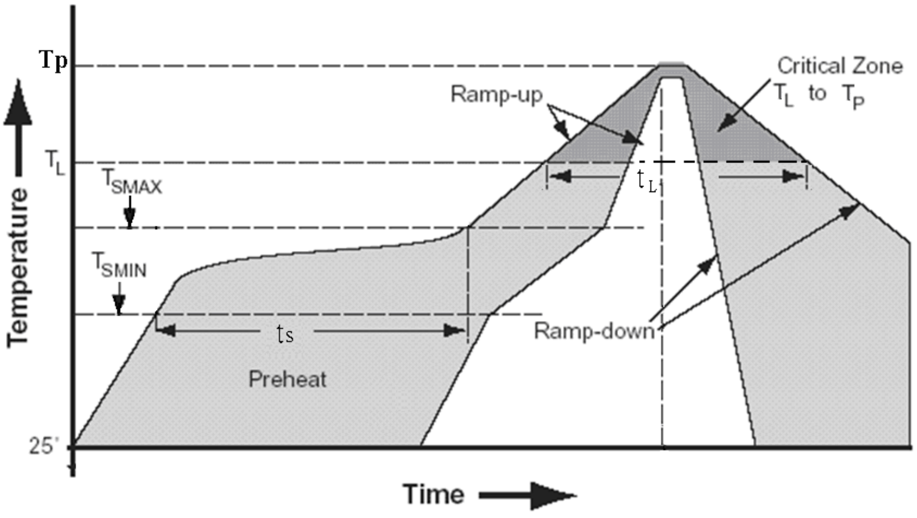
MODEL NO.: HD-252

Solder Reflow profile for Lead-Free packages.
Package Peak Reflow Temperatures

Classification Reflow Profiles

Profile Feature	Lead-Free Assembly	
Average ramp-up rate(T_L to T_P)	3℃ / Second Max.	
Preheat Temperature Min.(Ts min.) Temperature Max.(Ts max.) Time (min to max) (t_s)	150 ℃ 200 ℃ 60-180 sec	
Ts max. to T_L Ramp-up Rate	3℃ / Second Max.	
Time maintained above Temperature (T_L) Time (t_L)	200℃ 60-90 sec	
Peak Temperature (Tp) Time within 5 ℃ of actual peak Temp.	260 +0 / -5 ℃ 3 to 5 Sec	250 +0 / -5 ℃ 20 to 40 Sec
Ramp-down	6℃ / Second Max.	
Time 25 ℃ to Peak Temperature	8 minutes Max.	

PROFILE



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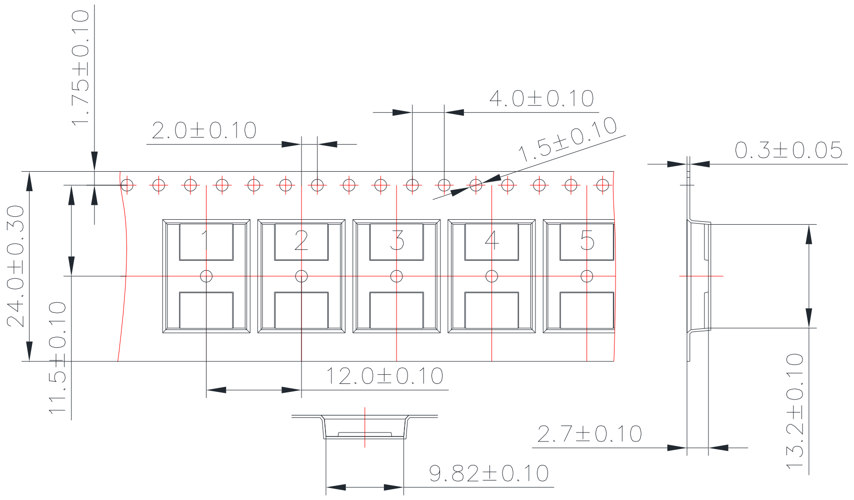
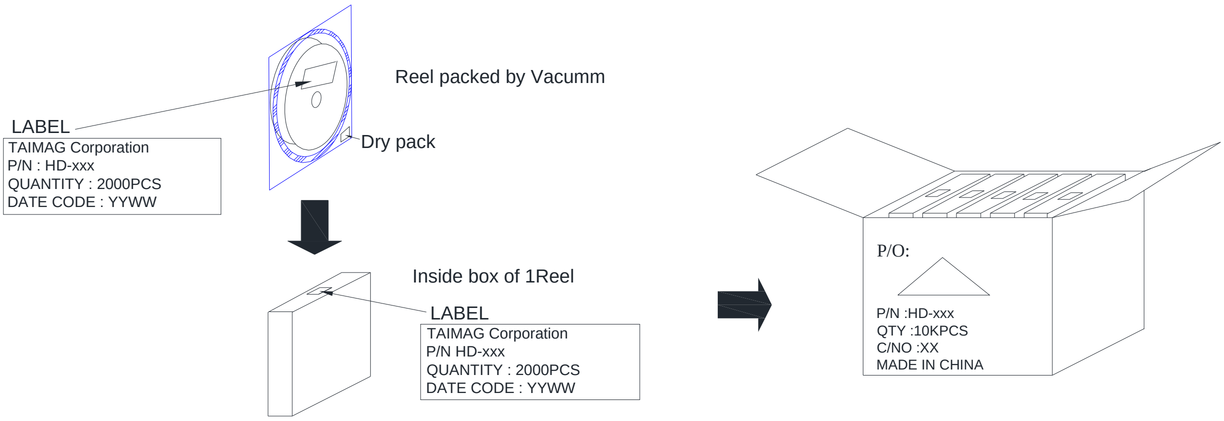
PACKING

1. Tape & Reel:2000 pcs / Reel,10000 pcs / Carton
2. Dry Pack: 1 pc.
   Product Description: 5g Silica Gel Desiccant
   PH: 4-8
   Package Materials: Paper (Length 6.5±1cm , Width 5±1cm)
3. Reel: Vacuum Packed
4. Seal as per JEDEC





LABEL
TAIMAG Corporation
P/N : HD-xxx
QUANTITY : 2000PCS
DATE CODE : YYWW

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P/N HD-xxx
QUANTITY : 2000PCS
DATE CODE : YYWW

P/N :HD-xxx
QTY :10KPCS
C/NO :XX
MADE IN CHINA