



NO: RD-HA-SD125  
 DATE: 2005/09/16-I(REV:A1)

# 10/100 BASE-T SMT TRANSFORMER

## MODEL NO.: HA-125

### FEATURE:

RoHS Compliant

RoHS peak solder rating 260

Designed to meet IR requirement

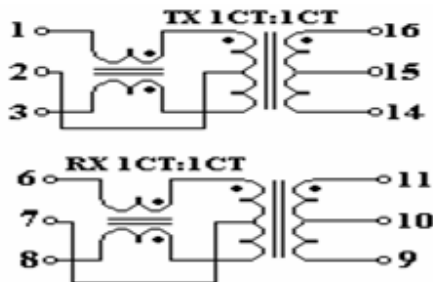
Specifications @ 25

Operating temp. : -40 ~ +85

OCL : 350uH Min @100Khz , 100mV 8mA

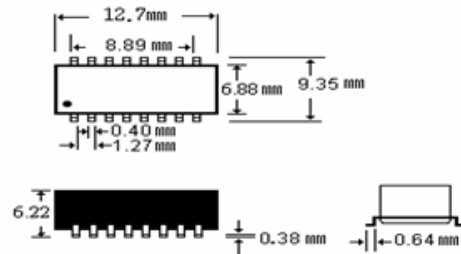
Part Number	Transformer Turns ratio ( $\pm 3\%$ ) Rx/Tx	Insertion Loss (dB TYP) 1-100MHz	Crosstalk (dB MIN) 0.1-100MHz	Return loss MHz (dB MIN)				Common Mode Rejection (dB MIN) 0.1-100 MHz	Hipot VAC
				0.5-30	40	50	60-80		
HA-125	1CT:1CT	-1.15	-38	-16	-14	13	-12	-40	1500

### SCHEMATICS:

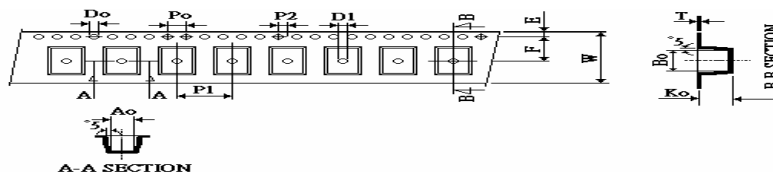


### DIMENSION: mm

TOLERANCE:  $\pm 0.25$



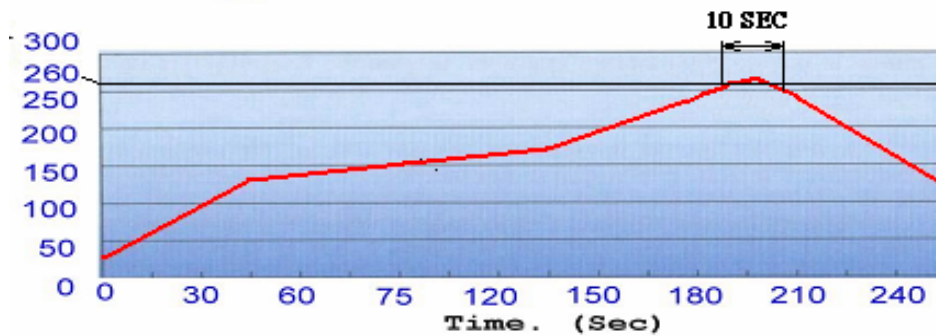
### Packing :



DIMENSION	W	P1	P2	D1	E	F	AO	BO	Aot
SPEC.	24.0	16.0	4.0	1.75	11.5	10.0	13.2	0.08	(MIN)
	+/- 0.30	0.10	0.10	0.10	0.10	0.10	0.10	0.10	
DIMENSION	KO	P2	D2	D1	10Po	T	K1	Bot	
SPEC.	6.80	2.0	1.55	1.5	40.0	0.40	6.15	0.08	(MIN)
	+/- 0.10	0.10	0.05	(MIN)	0.20	0.10	0.10		

Tape & reel.....600/reel  
 Tube.....39/tub

## MODEL NO.: HA-125 Profile of IR Reflow (Lead Free)



### PACKING

1. Tape & Reel : 600pcs / Reel , 3000pcs / Carton
2. Dry Pack : 1pcs  
Product Description:(5g Silica Gel Desiccant)  
PH: 4-8  
Package Materials: Paper(Length 6.5±1cm , Width 5±1cm)
3. Reel Packed By Vocumm
4. Seal Per Jedec

