



NO: RD-PH163539  
 DATE: 2005/09/16 I (REV:A1)

# 10/100 BASE –T SMT TRANSFORMER

## MODEL NO : HA-113

### FEATURE:

RoHS Compliant

RoHS peak solder rating 260

Designed to meet IR requirement

Specifications @ 25

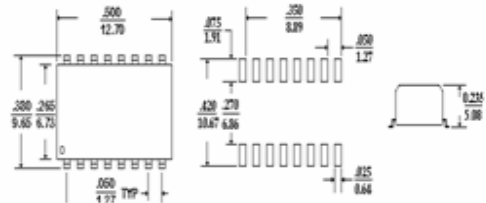
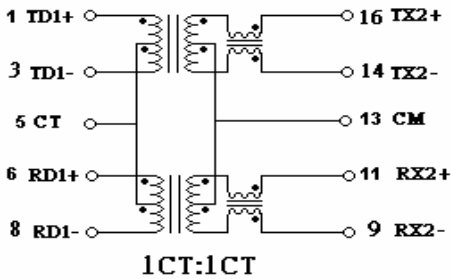
Operating temp. : -40 ~ +85

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

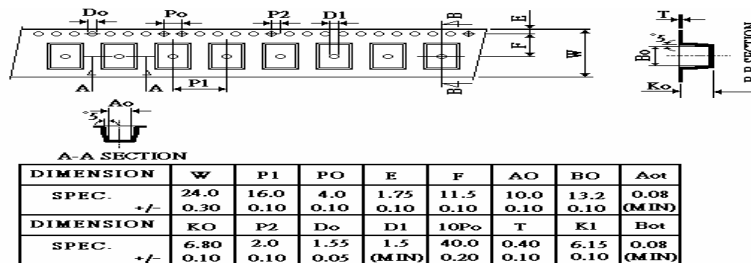
Part Number	Turns Ratio (±5%)		Insertion Loss (dB MAX)	Return Loss (dB MIN)			Common Mode Rejection (dB MIN)		Cross Talk (dB MIN)		HIPOT (VAC)
	TX	RX		0.1~30 MHz	30~60 MHz	60~80 MHz	1~60 MHz	60~100 MHz	1~60 MHz	60~100 MHz	
HA-113	TX	RX	0.1~30 MHz	30~60 MHz	60~80 MHz	1~60 MHz	60~100 MHz	1~60 MHz	60~100 MHz	1500	
	ICT:1CT	ICT:1CT	-1.0	-16	-12	-35	-32	-40	-38		

### SCHEMATICS:

DIMENSION: mm  
 TOLERANCE:±0.25



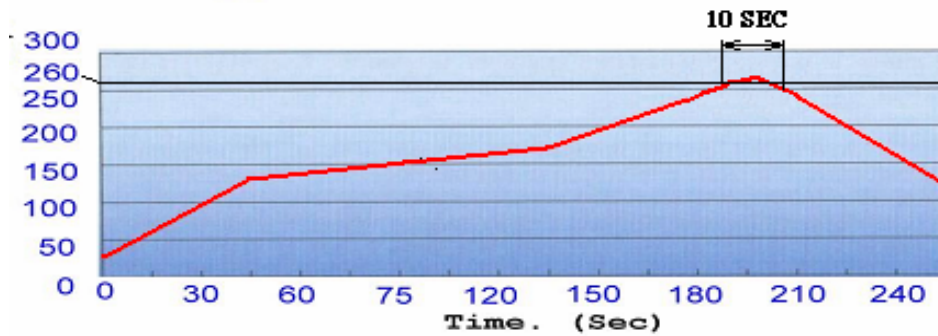
### Packing :



DIMENSION	W	P1	PO	E	F	AO	BO	Aot
SPEC.	24.0	16.0	4.0	1.75	11.5	10.0	13.2	0.08
	+/- 0.30	+/- 0.10	+/- 0.10	+/- 0.10	+/- 0.10	+/- 0.10	+/- 0.10	(MIN)
DIMENSION	K0	P2	Do	D1	10Po	T	K1	Bot
SPEC.	6.80	2.0	1.55	1.5	40.0	0.40	6.15	0.08
	+/- 0.10	+/- 0.10	+/- 0.05	(MIN)	+/- 0.20	+/- 0.10	+/- 0.10	(MIN)

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

## MODEL NO : HA-113 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

