



NO: RD-HA-SD100
DATE: 2005/09/15 I (REV:A1)

10/100 BASE-T SMT TRANSFORMER

MODEL NO : HA-100

FEATURE:

RoHS Compliant

RoHS peak solder rating 260

Designed to meet IR requirement

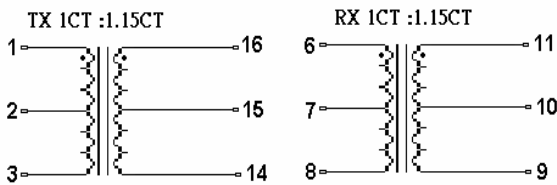
Specifications @ 25

Operating temp. : -40 ~ +85

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

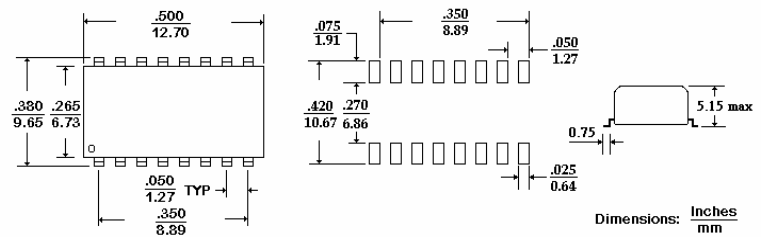
Part Number	Turns Ratio (±5%)		Insertion Loss (dB MAX)	Return Loss (dB MIN)				Differential Common Mode Rejection (dB MIN .)	Cross Talk (dB MIN)	HIPOT (VAC)
	TX	RX		0.5~30	40	50	60~80 MHz			
HA-100	TX	RX	0.1~100 MHz	0.5~30	40	50	60~80 MHz	0.1~100 MHz	1~100 MHz	1500
	1CT:1.15CT	1CT:1.15CT	-0.8~-1.0	-18	-15	-13	-12	-20	-35	

SCHEMATICS:



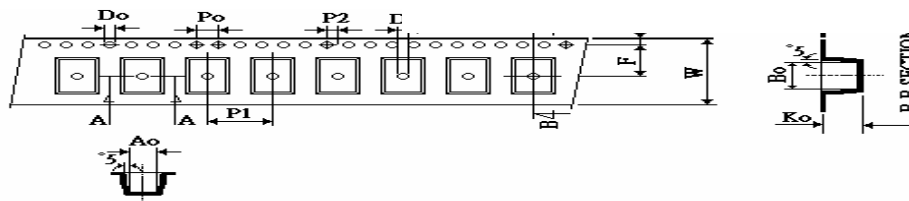
DIMENSION: mm

TOLERANCE: ±0.25



Dimensions: Inches/mm

Packing :



A-A SECTION

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	(MIN)
DIMENSION	KO	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	(MIN)

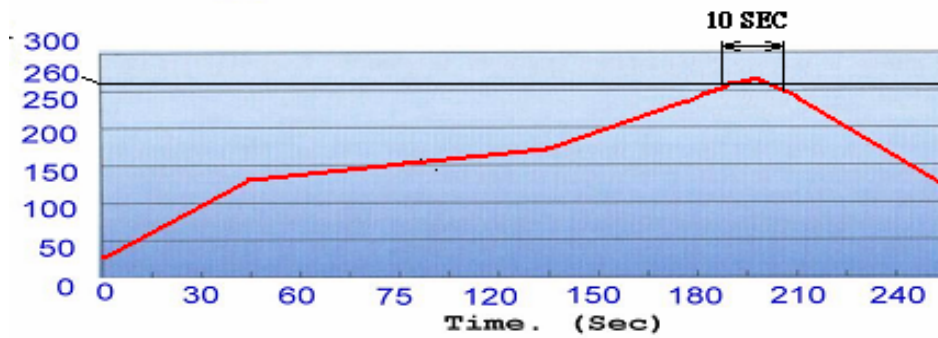
Tape & reel.....600/reel
Tube.....39/tub



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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 Vacuum
4. Seal Per Jedec

