



NO: RD-HA-SD103
 DATE: 2005/09/15 I (REV:A1)

10/100 BASE-T SMT TRANSFORMER MODEL NO : HA-103

FEATURE:

RoHS Compliant

RoHS peak solder rating 260

Designed to meet IR requirement

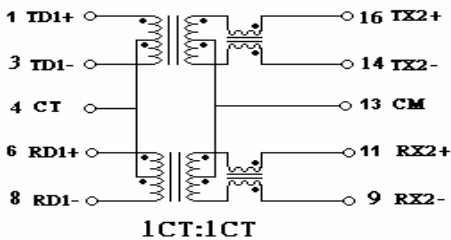
Specifications @ 25

Operating temp. : -40 ~ +85

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

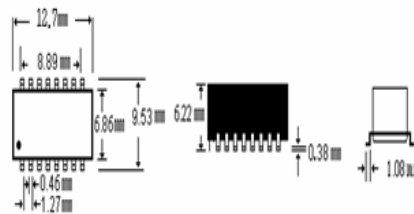
Parts no.	Insertion Loss (dB max) 1~125MHz	Rise Time (ns typical)	Return Loss (dB typical)		CMRR (dB min)		Cross talk (dB min)		Isolation Voltage (Arms min)
			MHz		MHz		MHz		
			1~60	60~100	0.1~60	60~100	0.1~60	60~100	
HA-103	-1.1	2.5	-18TX /-17Rx	-13TX /-15RX	-42TX /-40RX	-40TX /-35RX	-40	-38	1500

SCHEMATICS:

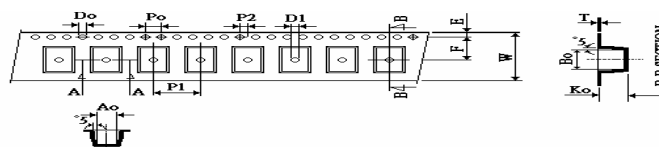


DIMENSION : mm

TOLERANCE:±0.25



Packing :



A-A SECTION		W	P1	PO	E	F	AO	BO	Aot
DIMENSION		24.0	16.0	4.0	1.75	11.5	10.0	13.2	0.08
SPEC.	+/-	0.30	0.10	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	0.10	(MIN)

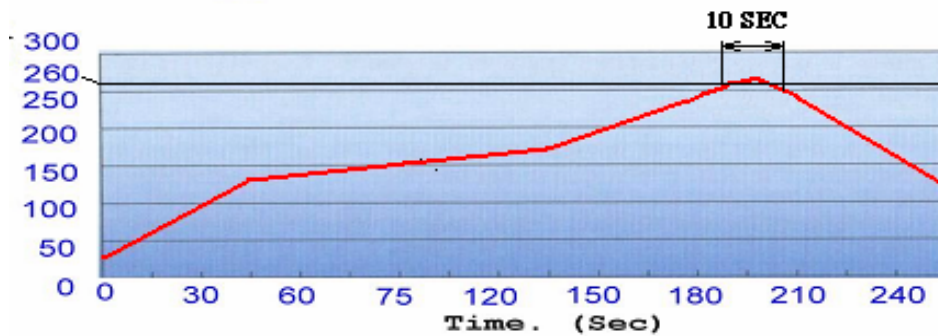
Tape & reel.....600/reel
 Tube.....99/tub



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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 Vocumm
4. Seal Per Jedec

