



NO:RD-Pulse H1026  
Date:2005/09/14- I (REV:A1)

# 100 BASE TRANSFORMERS

## MODEL NO.: HK-008

FEATURE:

**RoHS Compliant**

RoHS peak solder rating 260°C

DESIGNED TO MEET IR REQUIREMENT

SPECIFICATIONS:AT 25°C

OCL (uH MIN) 350 @100KHz 100mV 8mA dc bias

Cww (pF MAX) 25 @100KHz 100mV

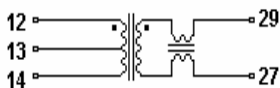
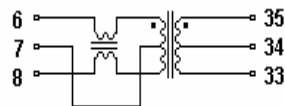
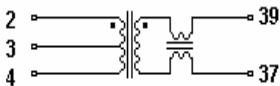
LL (uH MAX) 0.40

Part Number	Transformer Turns ratio (±2 % ) Receive Transmit	Insertion Loss (dB TYP) 0.1~100MHz	Cross talk (dB TYP)				Return loss (dB MIN)				Common Mode Rejection (dB MIN)		Hi pot VAC
			1MHz	30MHz	60MHz	100MHz	1~30MHz	40MHz	50MHz	60~80MHz	1~60MHz	60~100MHz	
HK-008	1CT:1CT 1CT:1	-0.5	-65	-55	-45	-35	-21	-17	-14.5	-12	-40	-30	1500

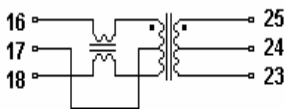
**SCHEMATICS:**

**DIMENSION: mm**

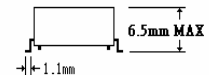
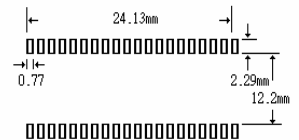
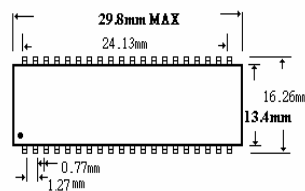
**TOLERANCE:±0.25**



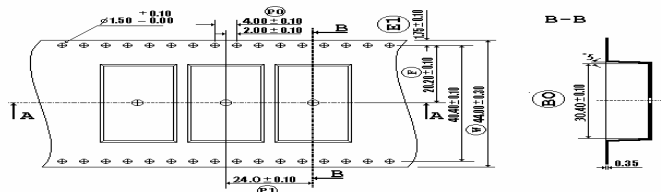
**TX 1CT:1**



**RX 1CT:1CT**



**Packing :**

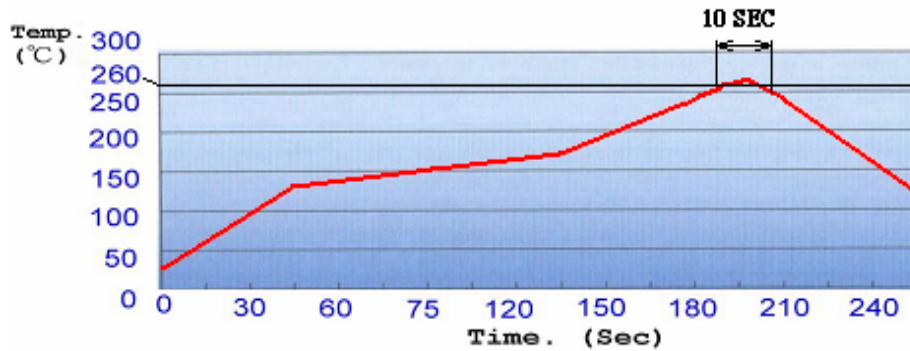


DIMENSION	W	A0	B0	K0	E	F
SPEC	44.0	16.7	30.4	7.35	1.75	20.2
	+/- 0.3	0.1	0.1	0.1	0.1	0.1
DIMENSION	P	P0	P2	D	D1	T
SPEC	24.0	4.0	2.0	1.5	2.0	0.35
	+/- 0.1	0.1	0.1	(MIN)	(MIN)	0.05

Tape & reel-----350/reel  
Tube-----16/tube

## MODEL NO.: HK-008

### Profile of IR Reflow (Lead Free)



### PACKING

1. Tape & Reel : 350pcs / Reel , 1750pcs / 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

