



Nnnumber:RD-YCL 40ST1042-1  
DATA:2005/09/15-I (REV:A1)

# 10/100 BASE-T QUAD PORT TRANSFORMER

## MODEL NO.: HK-050

### FEATURE:

**RoHS Compliant**

**RoHS peak solder rating 260°C**

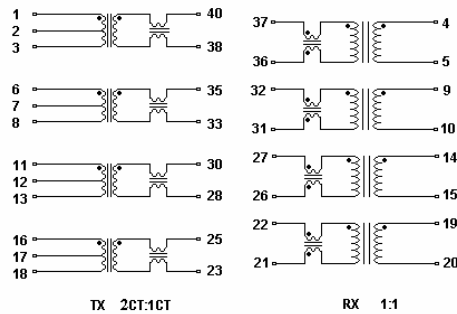
**DESIGNED TO MEET IR REQUIREMENT**

### SPECIFICATIONS:AT 25°C

OCL (uH MIN)                    350 at 8mA/dc  
Cw/w (pF TYP)                 30  
LL (uH MAX)                    TX:1.3   RX:0.5  
DCR (Pri) (Ω MAX)            TX:0.9   RX:0.9

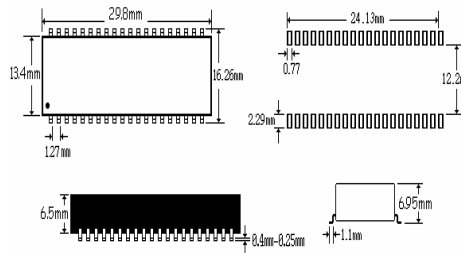
Part Number	Transformer Turns ratio (±5% )		Insertion Loss (dB MAX) 1~100MHz	Return Loss (dB MIN) (MHz)				CrossTalks (dB MIN) 1MHz~100MHz	Common Mode Rejection (dB MIN) 1MHz~100MHz	Hi pot VAC
	RX	TX		0.5~30	40	50	60~80			
HK-050	1:1	2CT:1CT	-1.1	-18	-15.5	-13.6	-12	-38	-40	1500

### SCHEMATICS:

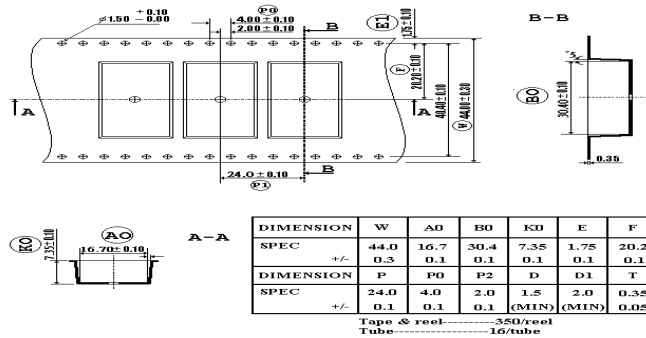


### DIMENSION: mm

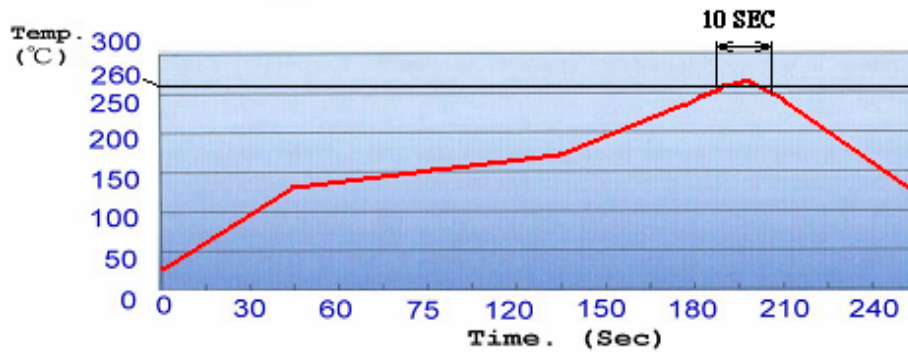
TOLERANCE:±0.2



### Packing :



## MODEL NO.: HK-050 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

