



NO:RD-Pulse H1036
Date:2005/09/14-I (REV:A1)

100 BASE-T QUAD SMT TRANSFORMER

TP/PMD AND 155MBPS ATM

MODEL NO.: HK-013

FEATURE:

RoHS Compliant

RoHS peak solder rating 260°C

DESIGNED TO MEET IR REQUIREMENT

SPECIFICATIONS: AT 25°C

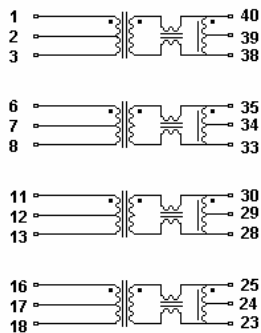
OCL (uH MIN)	350
C _{ww} (pF MAX)	20
LL (uH MAX)	0.30

Part Number	Transformer Turns ratio (±2%)		Insertion Loss (dB TYP) 1-100MHz	Crosstalk (dB TYP)				Return loss 5 to 100 Mhz (dB MIN)		Common Mode Rejection (dB MIN)		Hipot VAC
	Receive	Transmit		1MHz	30MHz	60MHz	100MHz	1-60MHz	60-100MHz	1-60	60-100	
HK-013	1:1	1CT:1CT	-5	-65	-55	-45	-35	-15	-12	-40	-30	1500

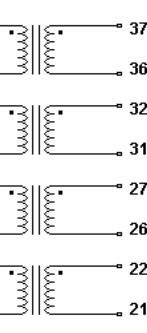
SCHEMATICS:

DIMENSION: mm

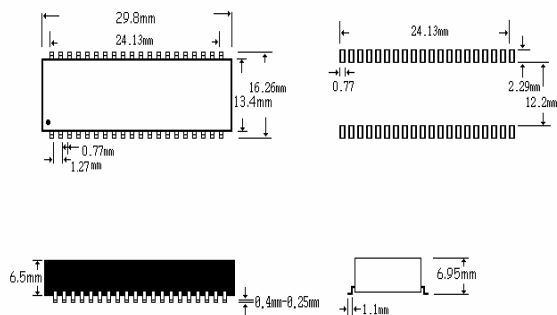
TOLERANCE: ±0.25(0.010)



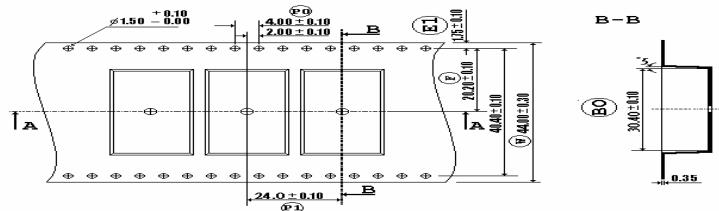
TX 1CT:1CT



RX 1:1



Packing:

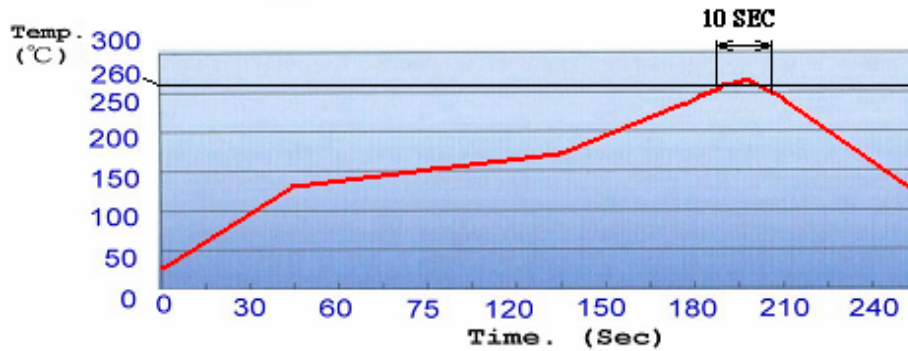


DIMENSION	W	A0	B0	K0	E	F
SPEC	44.0	16.7	30.4	7.35	1.75	20.2
+/-	0.3	0.1	0.1	0.1	0.1	0.1
DIMENSION	P	P0	P2	D	D1	T
SPEC	24.0	4.0	2.0	1.5	2.0	0.35
+/-	0.1	0.1	0.1	(MIN)	(MIN)	0.05

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

MODEL NO.: HK-013

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

