



NO:RD-HK-SD003
Date:2005/09/14-I(REV:A1)

100 BASE QUAD SMT TRANSFORMERS

TP/PMD AND 155MBPS ATM

MODEL NO.: HK-003

FEATURE:

RoHS Compliant

RoHS peak solder rating 260

DESIGNED TO MEET IR REQUIREMENT

SPECIFICATIONS:AT 25

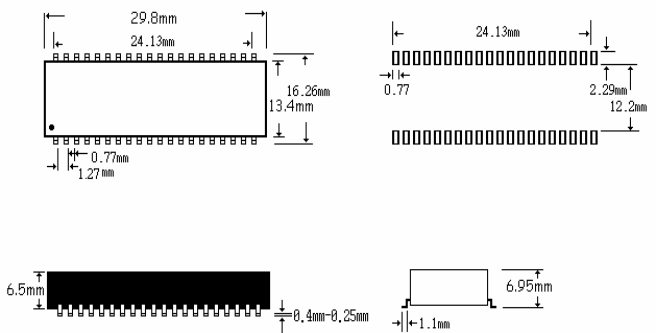
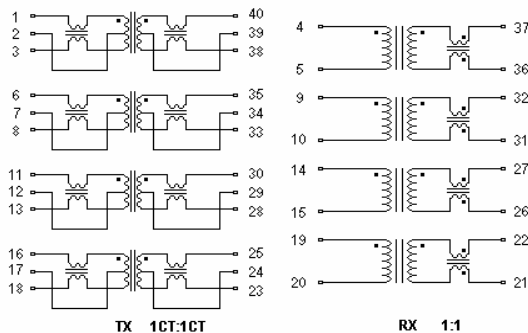
OCL (uH MIN) 350
C_{ww} (pF MAX) 20
LL (uH MAX) 0.30

Part Number	Transformer Turns ratio (±2 %)		Insertion Loss (dB TYP) 1-100MHz	Crosstalk (dB TYP)				Return loss 5 to 100 Mhz (dB MIN) 1-60MHz 60-100MHz	Common Mode Rejection (dB MIN)		Hipot VAC	
	Receive	Transmit		1MHz	30MHz	60MHz	100MHz		1-60	60-100		
HK-003	1:1	1CT:1CT	-5	-65	-55	-45	-35	-15	-12	-30/-30	-40/-30	1500

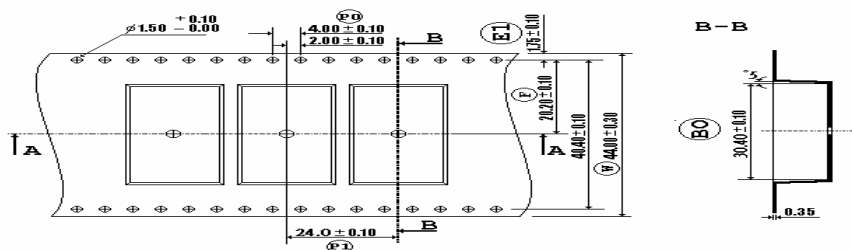
SCHEMATICS:

DIMENSION: mm

TOLERANCE:±0.25(0.010)



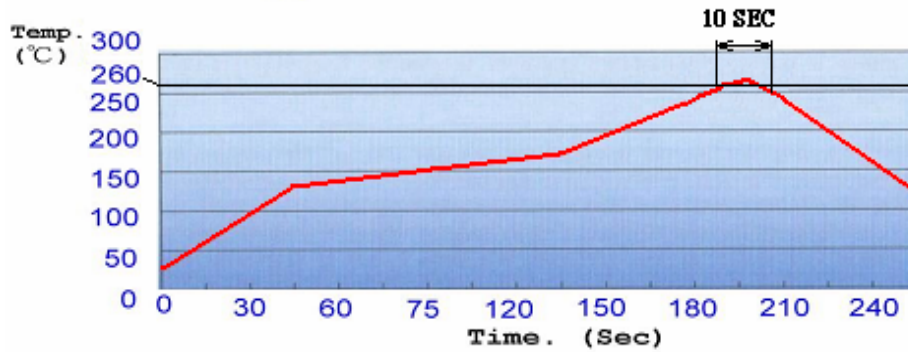
Packing :



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-003 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

