



NO: RD-TG110-S050N2,TS6121A
 DATE: 2005/09/15 I (REV:A1)

10/100 BASE-T SMT TRANSFORMER TP/PMD AND 155MBPS ATM MODEL NO.: HA-034

FEATURE:

RoHS Compliant

RoHS peak solder rating 260

Designed to meet IR requirement

Specifications @ 25

Operating temp. : -40 ~ +85

OCL (uH MIN) 350 @100KHZ 100mv/8mA

Cww (pF MAX) 25 @100KHZ 100mv

LL (uH MAX) 0.5

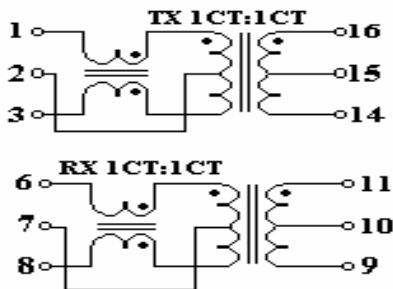
DCR (ΩMAX) 0.9

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

HipotVAC :1500

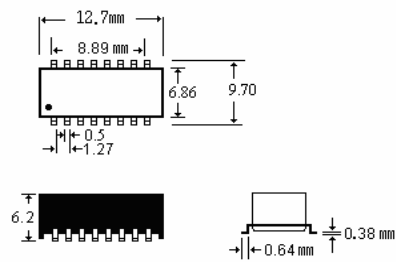
| Part Number | Transformer Turns ratio (±3%) | | Insertion Loss (dB TYP) 1-100MHz | Crosstalk (dB MIN) 0.1-100MHz | Return loss MHz (dB MIN) | | | | Common Mode Rejection (dB MIN) 0.1-100 MHz |
|-------------|-------------------------------|----------|----------------------------------|-------------------------------|--------------------------|-------|------|-------|--|
| | Receive | Transmit | | | 0.5-30 | 40 | 50 | 60-80 | |
| HA-034-1 | 1CT:1CT | 1CT:1CT | -1.15 | -38 | -18 | -15.5 | 13.0 | -12 | -40 |

SCHEMATICS:

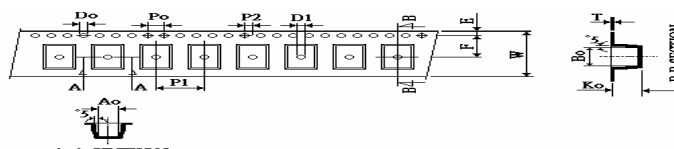


DIMENSION: mm

TOLERANCE: ±0.25



Packing :

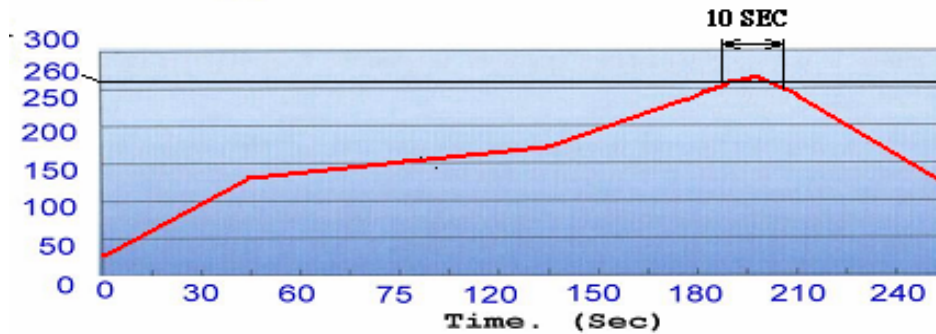


| DIMENSION | W | P1 | P0 | E | F | AO | BO | Aot |
|-----------|----------|------|------|-------|------|------|------|-------|
| SPEC. | 24.0 | 16.0 | 4.0 | 1.75 | 11.5 | 10.0 | 13.2 | 0.08 |
| | +/- 0.30 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | (MIN) |
| DIMENSION | KO | P2 | Do | D1 | 10Po | T | 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.....39/tub

MODEL NO.: HA-034

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 Vacuum
4. Seal Per Jedec

