



NO:RD-HA-SD118
Date:2005/09/16-I (REV:A1)

10/100 BASE-T SMT TRANSFORMER

MODEL NO.: HA-118

FEATURE:

RoHS Compliant

RoHS peak solder rating 260

Designed to meet IR requirement

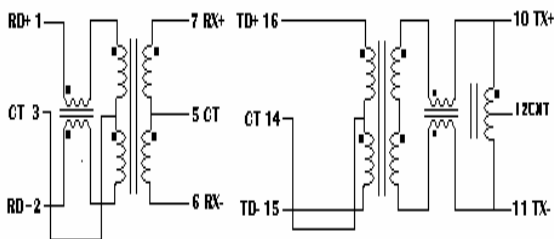
Specifications @ 25

Operating temp. : -40 ~ +85

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

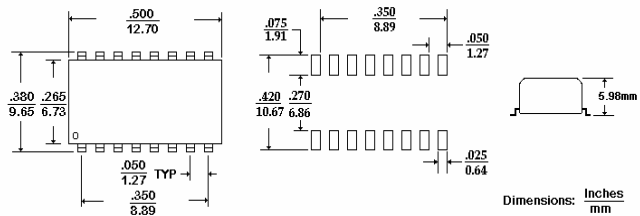
| Part Number | Insertion Loss (dB MAX.) 0.1-100MHz | Return Loss (dB MIN.) | | | | CMRR (dB MIN.) | | | Crosstalk (dB MIN.) | | Hipot (Vrms MIN.) |
|-------------|--|-----------------------|-------|-------|-------|----------------|-------|--------|---------------------|--------|-------------------|
| | | MHz | | | | MHz | | | MHz | | |
| HA-118 | | .3-30 | 30-45 | 45-60 | 60-80 | .1-30 | 30-60 | 60-100 | 1-30 | 30-100 | 1500 |
| | -1.1 | -18 | -15 | -13.5 | -12 | -40 | -35 | -32 | -50 | -40 | |

SCHEMATICS:

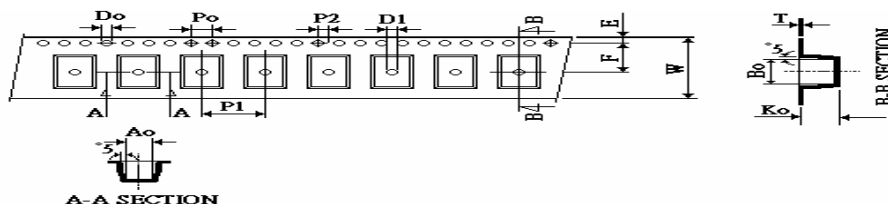


DIMENSION: mm

TOLERANCE: ±0.25



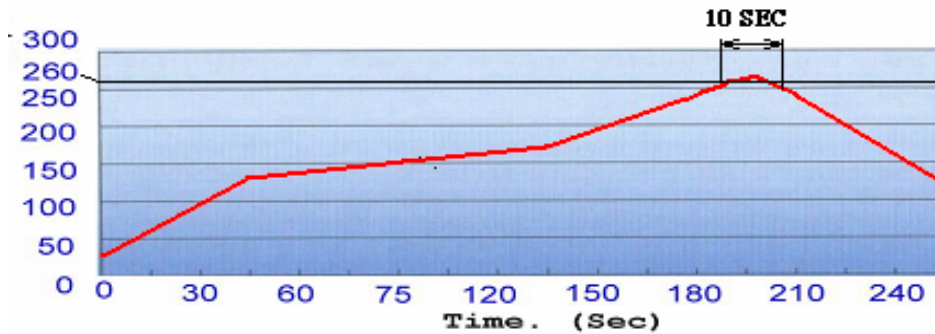
Packing :



| DIMENSION | W | P1 | PO | E | F | AO | BO | Aot |
|-----------|----------|------|------|-------|------|------|------|------------|
| SPEC. | 24.0 | 16.0 | 4.0 | 1.75 | 11.5 | 10.0 | 13.2 | 0.08 (MIN) |
| | +/- 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 (MIN) |
| | +/- 0.10 | 0.10 | 0.05 | (MIN) | 0.20 | 0.10 | 0.10 | (MIN) |

Tape & reel.....600/reel
Tube.....39/tub

MODEL NO.: HA-118 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

