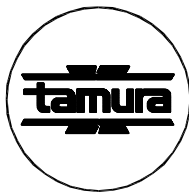


REV. Status

PRELIMINARY  
10/23/00 LL

PRELIMINARY 1  
SIDE VIEW  
REDRAWN.  
10/27/00 LL

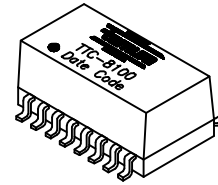
PRELIMINARY 2  
CHANGED  
HEIGHT  
12/20/00 LL



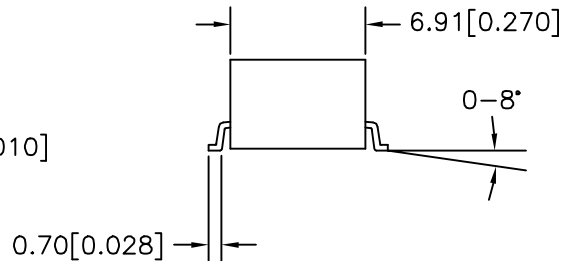
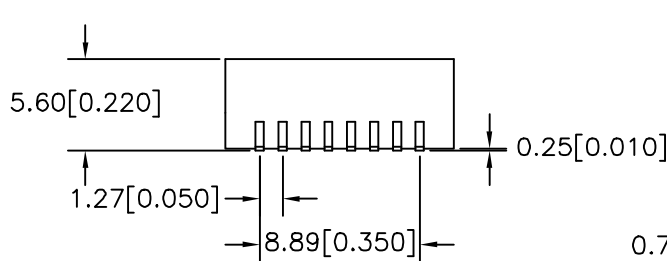
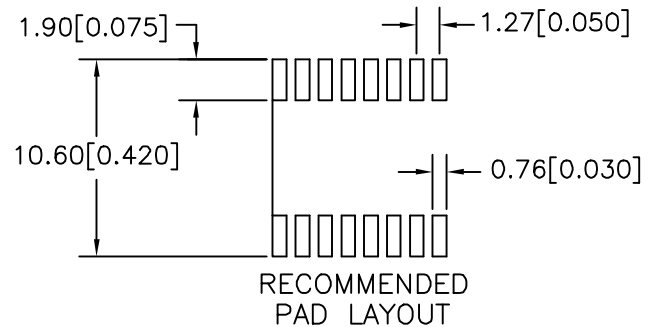
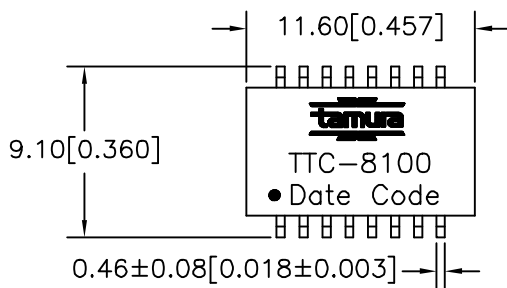
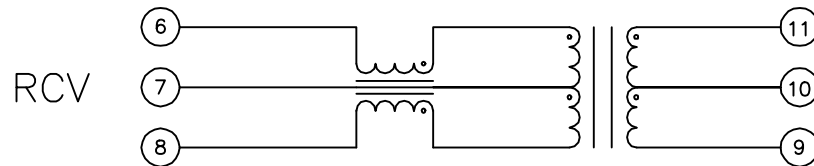
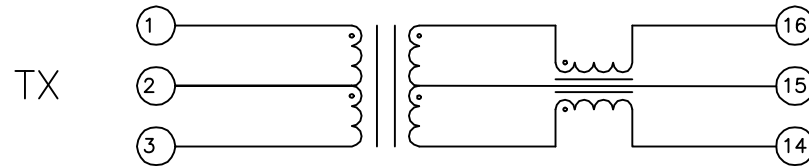
# 10/100 Base-T LAN Magnetic Module Single Port, 16 pin SOIC

MODEL NUMBER  
**TTC-8100**

- Complies with IEEE 802.3 Standard
- Surface Mount Device withstands IR reflow profile process
- Operating temperature: 0°C to 70°C
- Enhanced Common Mode Attenuation



| Electrical Specification @ 25°C |                      |        |        |               |                    |              |              |
|---------------------------------|----------------------|--------|--------|---------------|--------------------|--------------|--------------|
| Insertion Loss (dB Max)         | Return Loss (dB Min) |        |        | CMRR (dB Min) | Crosstalk (dB Min) | OCL (μH Min) | Hipot (Vrms) |
| 0.1-100 MHz                     | 0.1-30 MHz           | 60 MHz | 80 MHz | 0.1-100 MHz   | 0.1-100 MHz        | 8mA DC Bias  | 1 minute     |
| -1                              | -18                  | -14    | -12    | -35           | -35                | 350          | 1500         |



PREPARED BY:

D. Rund

ENGINEER:

L. Le

QUALITY CONTROL:

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APPROVED:

J. Coleman

NOTE: Unless otherwise specified, all dimensions are mm[in] with tolerance of ±0.25[0.010]

DWG CONTROL NO. P-A1-12622  
ACAD\TTC\A1126221.DWG

REV PR2

10/100 Base-X LAN Magnetic Module  
Single Port, 16 pin SOIC

**TAMURA CORPORATION OF AMERICA**  
43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624  
(909) 699-1270 FAX 9096769482

**TTC-8100**

MODEL SPECIFICATION

DIM: mm(in) SCL: none SH: 1 OF 1

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