REV. Status **PRELIMINARY** 10/23/00 LL

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

PRELIMINARY 2 CHANGED **HEIGHT** 12/20/00 LL

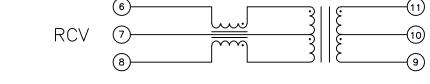


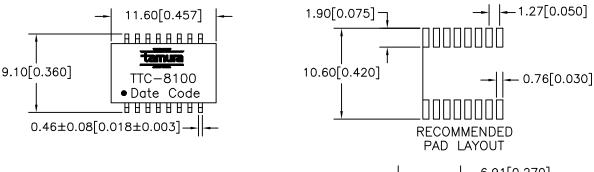
10/100 Base—T LAN Magnetic Module Single Port, 16 pin SOIC

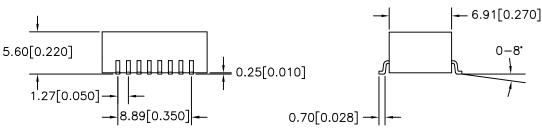
- Complies with IEEE 802.3 Standard
- Surface Mount Device withstands IR reflow profile process
- Operating temperature: 0°C to 70°C
- Enhanced Common Mode Attenuation



| Ennanced 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 |
| TX 2 3 15 (14) | | | | | | | |







PREPARED BY:

NOTE: Unless otherwise specified, all dimensions are mm[in] with tolerance of $\pm 0.25[0.010]$ D. Rund

DWG CONTROL NO. REV 10/100 Base—X LAN Magnetic Module P—A1—12622 RAD TTC\A1126221.DWG PR2 Single Port, 16 pin SOIC **ENGINEER:** L. Le QUALITY CONTROL: CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE TAXBELL AS352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 (909) 699-1270 FAX 9096769482

TTC-8100 MODEL SPECIFICATION DIM: mm(In) SCL: none SH: 1 OF

APPROVED:

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