

REV. Status

REVISION -
03/08/00 TS

REVISION A
CHANGED
D AND E.
ADDED C.
04/06/00 TS

ISOLATION TRANSFORMER FOR PLT-22 TRANSCEIVER

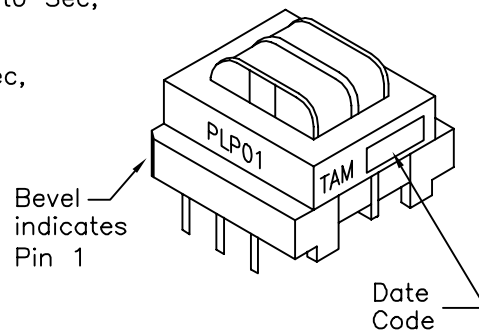
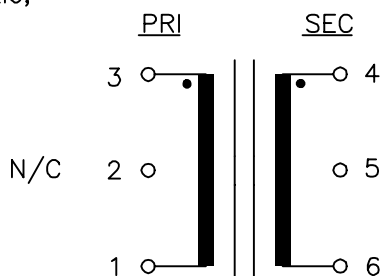
A. Electrical Specifications (@ 25°C);

1. Primary Inductance (Dry); $1\text{MH} \pm 25\%$ @ 100KHz, 1V
2. Primary Inductance (Wet); 0.75mH MIN @ 100KHz, 1V, DC15mA
3. DC Resistance; (1-3)= $0.2\ \Omega$ MAX
(4-6)= $0.2\ \Omega$ MAX
4. Turns Ratio; (1-3):(4-6)= $1:1.00 \pm 3\%$
5. Primary Leakage Inductance with shorted secondary; $12\ \mu\text{H} \pm 10\%$ @ 100KHz, 0.5V
6. Interwinding Capacitance between primary and secondary; 30pF MAX @ 100KHz
7. Insulation Resistance; $100\text{M}\Omega$ MIN @ 500VDC, Pri to Sec,
Pri to Core, Sec to Core
8. Dielectric Strength; 3000Vrms , 1 MIN @ Pri to Sec,
Pri to Core, Sec to Core

B. Marking; TAM, part number and date code

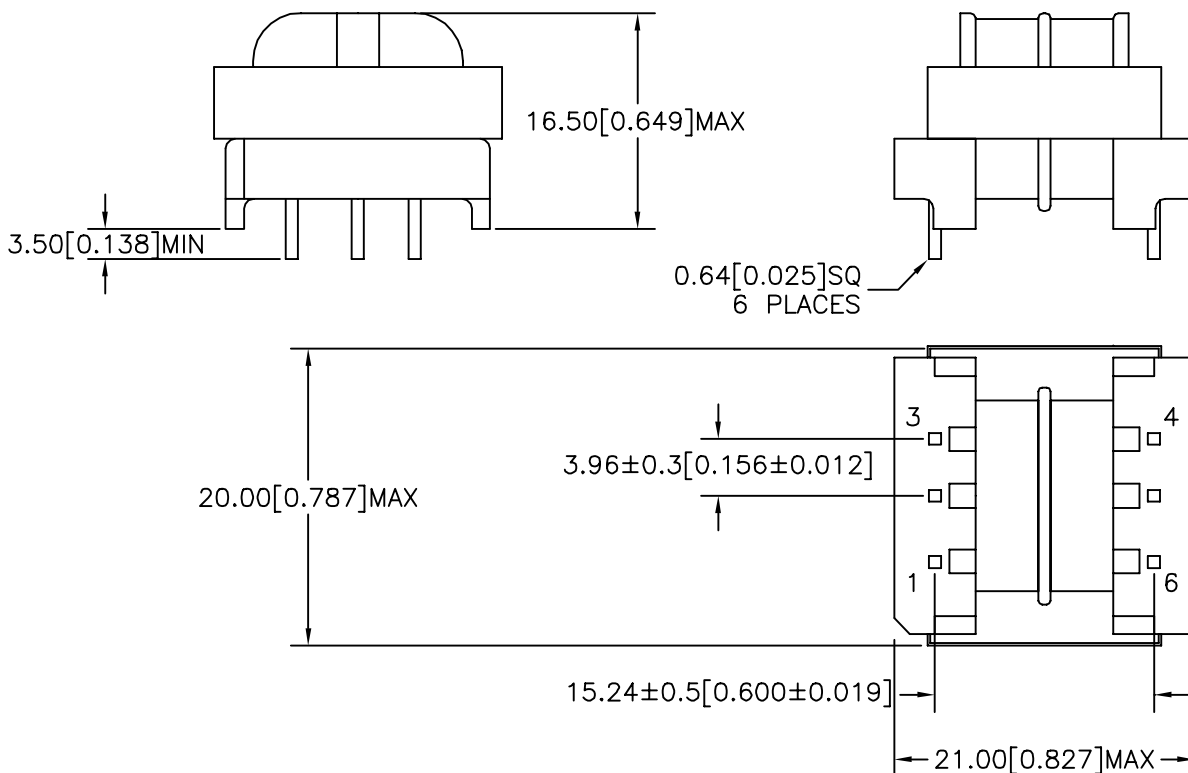
C. Safety; Pending approval to UL1950 3rd Edition
Meets IEC950 requirement

D. Schematic;



MODEL NUMBER
PLP01

E. Mechanical Specifications;



PREPARED BY:

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QUALITY CONTROL:

D. Kelley

APPROVED:

J. Coleman

DWG CONTROL NO.
P-A1-12374
ACAD\MXFR\A1123741.DWG

REV
A

ISOLATION TRANSFORMER
FOR PLT-22 TRANSCEIVER

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PLP01

MODEL SPECIFICATION

DIM: mm(In) SCL: 1/2 SH: 1 OF 1

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