MINIATURE ENCAPSULATED TELECOMMUNICATION HIGH IMPEDANCE TRANSFORMER REV. Status A. Electrical Specifications (@ 25°C) NUMBER REVISION 04/30/04 MP 1. Primary Impedance; $10k\Omega$ 2. Secondary Impedance; $10k\Omega$ UL# E208555 MODEL 3. Primary Inductance; 6.5H MIN @ 200Hz, 10mVrms, Lp Measured (1-3)4. Leakage Inductance; 22mH MAX @ 1kHz, 10mVrms Measured (1-3) with 6 & 4 shorted Country 5. DC Resistance; of origin $(1-3):485\Omega \pm 15\%$ $(6-4):485\Omega \pm 15\%$ 6 (AMIRA 6. Turns Ratio; $(1-3):(6-4)=1:1.00 \pm 2\%$ (C) 1953× 7. Shunt Loss; $22k\Omega$ MIN @ 200Hz, 10mVrms, Rp Measured (1-3)White dot indicates 8. Dielectric Strength; 1875Vrms 1 second @ Pri-Sec pin 1 Date Code 3 B. Marking; TTC-5033H, TAMURA, date code and country of origin "H" designates Safety Agency Approved family classification. C. Safety; Certified to UL1950 3rd Edition, UL60950, EN60950 D. Schematic; **SEC** PRI $10k\Omega$ $10k\Omega$ E. Mechanical Specifications and Suggested Pad Layout; $9.60\pm0.25[0.378\pm0.010]$ -1.30±0.10[0.051±0.004] Optional tape/label wrap; 4 sides 15.50±0.25 [0.610±0.010] 2.50±0.25[0.098±0.010] -0.60[0.023]TYP 2.54[0.100]TYP 2.54±0.25[0.100±0.010] 12.50±0.25[0.492±0.010] 7.60[0.299]MAX PREPARED BY: 0.30[0.012]TYP $0.60\pm0.5[0.023\pm0.020]$ -1.10[0.043]TYP D. Rund **ENGINEER:** DWG CONTROL NO. REV TELECOMMUNICATION TTC-5033

T. Cl<u>em</u> APPROVED: J. Coleman

M. Pitchai
QUALITY CONTROL:

P-A1-13339

ACAD\TTC\A1133391.DWG

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MODEL SPECIFICATION

DIM: mm(In) SCL: 2/1

TRANSFORMER

TAMURA CORPORATION OF AMERICA