TAMURA

REV. Status

REVISION –
04/09/01 MP

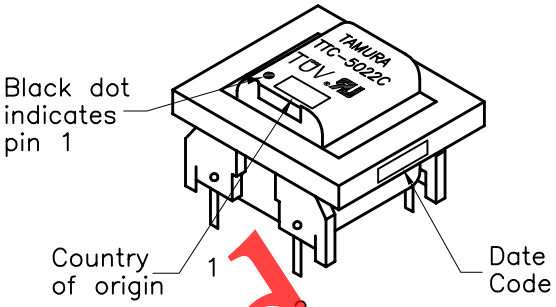
REVISION A
ADDED "C"
CLASS TO
MARKING NOTE.
REVISED PIN
LENGTH TOLS
05/16/06 MP

MODEL NUMBER
TTC–5022

TELECOMMUNICATION MODEM COUPLING TRANSFORMER COMPATIBLE WITH V.90 TECHNOLOGIES

A. Electrical Specifications (@ 25°C)

1. Pri Source Impedance; 600Ω
2. Sec Load Impedance; 374Ω
3. DC Current; 0mA
4. Insertion Loss;
   2.0 ±0.25dB @ 1KHz, 0dBm
5. Frequency Response (relative to 1KHz)
   ±0.20dB 200Hz to 4KHz @ 0dBm
6. Longitudinal Balance;
   60dB MIN @ 200Hz to 1KHz
   40dB MIN @ 1KHz to 4KHz
7. Return Loss; 30dB TYP @ 1KHz, 0dBm
8. DC Resistance;
   (1–2)= 108Ω ±15%
   (3–4)= 120Ω ±15%
9. Turns Ratio; (1–2):(4–3) = 1:1.00±2%
10. Dielectric Strength;
    1875Vrms 1 second Pri to Sec
11. Total Harmonic Distortion:
    –86dB MAX @ 600Hz, –10dBm

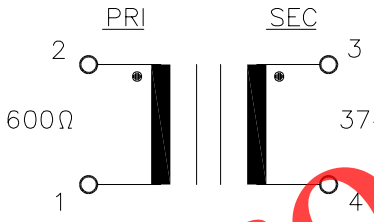


UL #E208555

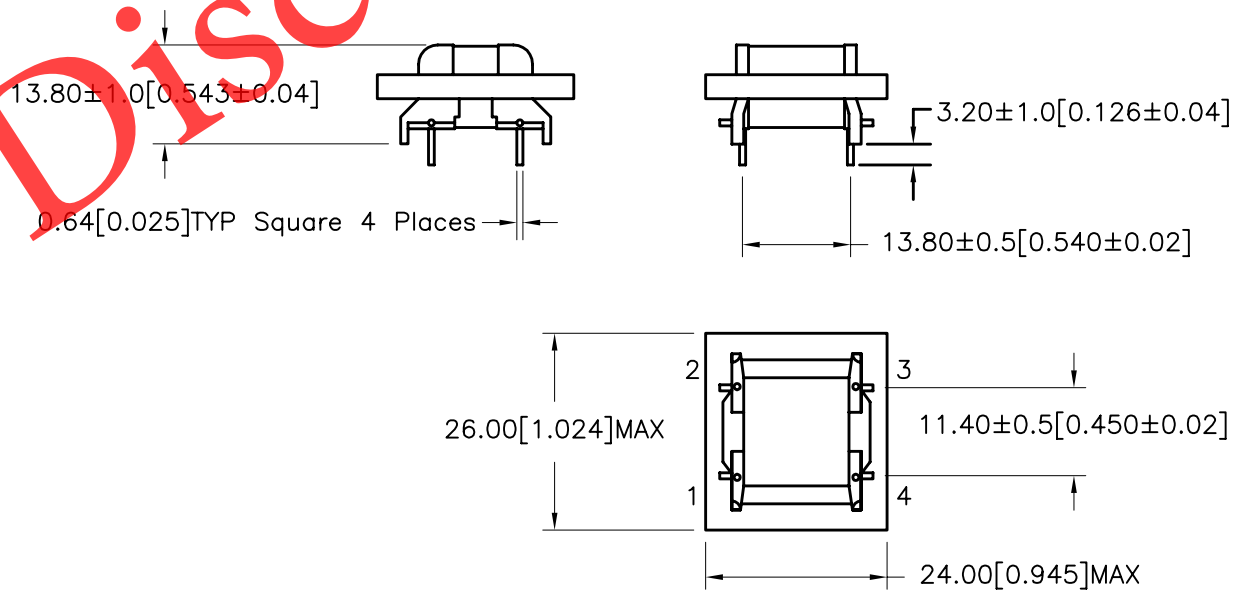
B. Marking; TTC–5022C, TAMURA, date code and country of origin. "C" designates UL approved family classification.

C. Safety: UL 1950 3rd Edition, UL60950, EN60950

D. Schematic Diagram



E. Mechanical Specifications



PREPARED BY: K. BRENNAN

ENGINEER: M. PITCHAI	DWG CONTROL NO. P–A1–12607 ACAD\TTC\A1126071.DWG	REV A	MODEM COUPLING TRANSFORMER	TTC–5022 MODEL SPECIFICATION
QUALITY CONTROL: T. CLEM	CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE		TAMURA CORPORATION OF AMERICA 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590–6624 (951) 699–1270 FAX 9516769482	DIM: mm[In] SCL: 1/1 SH: 1 OF 1
APPROVED: Y. SEKIGUCHI				