MINIATURE ENCAPSULATED TELECOMMUNICATION V.32 MODEM TRANSFORMER

A. Electrical Specifications (@ 25°C)
   1. Primary Impedance; 600Ω
   2. Secondary Impedance; 600Ω
   3. Insertion Loss; 2.0dB MAX @ 2KHz, 0dBm
   4. Frequency Response; ±0.25dB @ 200Hz to 4KHz, 0dBm
   5. Longitudinal Balance;
      80dB MIN @ 200Hz to 4KHz, 0dBm
   6. Return Loss; 14dB MIN @ 200Hz to 4KHz, 0dBm
   7. Primary Inductance; 3.8H MIN @ 200Hz, 0.78Vrms, Lp
      Measured (1-3)
   8. Leakage Inductance; 7mH MAX @ 1KHz, 0.78Vrms
      Measured (1-3) with 6 & 4 shorted
   9. DC Resistance;
      (1-3):115Ω ±15%
      (6-4):115Ω ±15%
   10. Turns Ratio; (1-3):(6-4)=1.10 ±2%
   11. Total Harmonic Distortion;
       -76dB MAX @ 600Hz, -10dBm (-79dB TYP)
   12. Dielectric Strength; 3000Vrms 1 minute @ Pri-Sec

B. Marking; TTC-5023, TAMURA, date code and country of origin
C. Safety; Certified to UL 60950, EN60950 (CB Report)
D. Schematic;

E. Suggested Reflow Profile (Terminal)
   Customer to determine proper profile based on actual conditions

F. Mechanical Specifications and Suggested Pad Layout;
   Optional tape/label wrap; 4 sides

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Tamura:
TTC-5023