TELECOMMUNICATION COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 40mW MAX IN PRIMARY AND REFLECT A PRIMARY SOURCE IMPEDANCE OF APPROXIMATELY 10KΩCT WITH 10KΩCT LOAD ON SECONDARY.

A. Electrical Specifications (＠20 °C)

1. Pri Source Impedance; 10KΩ CT
2. Sec Load Impedance; 10KΩ CT
3. Pri DC Current; 1 mA MAX
4. Operating Level: 40 mW MAX ＠ 300 Hz
5. Frequency Response (relative to 1 KHz):
   +2.0 dB, ＠300 Hz to 100 KHz
6. Longitudinal Balance: 60 dB MIN ＠1 KHz
7. DC Resistance:
   (1－3) 1000Ω ±20%
   (4－6) 1300Ω ±20%
8. Turns Ratio; (1－3) : (4－6) = 1 : 1.00 ±2%
9. Dielectric Strength;
   500 Vrms 0.5 minute ＠Pri － Sec

B. Marking; MET-09, TAMURA, Primary and Secondary Impedance, PM17-M, MICROTRAN, TF5S21ZZ, date code and country of origin

C. Operating Temperature: －20 to +85°C
   Storage Temperature: －55 to +105°C

D. Schematic Diagram

E. Mechanical Specifications

- PM17-M
- MICROTRAN
- TF5S21ZZ

- Date code, and country of origin

- Tolerances (mm):
  - ±4 ±0.2
  - ±4 ±0.3
  - ±20 ±0.3
  - ±20 ±0.4

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- Contents of this drawing are subject to change without prior notice

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