REV. Status TELECOMMUNICATION MODEM COUPLING TRANSFORMER FOR WET APPLICATION NUMBER REVISION A. Electrical Specifications (@ 25°C) 03/09/04 MP 1. Pri Source Impedance; 600Ω 2. Sec Load Impedance; 301Ω MODEL 3. Operating Level; -20dBm to +4dBm 4. Insertion Loss; 3.75dB MAX @ 1KHz, OdBm, DC 65mA TIC 1800 5. Frequency Response (relative to 1 KHz) ±4.0dB @ 300Hz to 600Hz, 0dBm ± 1.0 dB @ 600Hz to 3.5KHz, 0dBm 6. Longitudinal Balance; 66dB MIN @ 60Hz to 1KHz 46dB MIN @ 1KHz to 4KHz (Per FCC Part 68.310 with 4 grounded) 3 Notch indicates, Primary 7. DC Resistance; $(1-2)=152\Omega \pm 15\%$ Date Code $(3-4)=152\Omega \pm 15\%$ 8. Turns Ratio; $(1-2):(4-3) = 1:1.00\pm2\%$ Country of origin 9. Dielectric Strength; 3750Vrms 1 second Pri to Sec B. Marking; TTC-5010, TAMURA, date code and country of origin C. Safety: UL1950 3rd Edition, UL60950, EN60950 D. Schematic Diagram <u>SEC</u> ² o o^3 600Ω 301Ω E. Mechanical Specifications 13.80±1.00[0.540±0.04] 9.80[0.390]TYP 13.80±0.50[0.540±0.02] 11.40±0.50[0.450±0.02] 3.20±1.00[0.126±0.04] 23.60±1.00[0.929±0.04] $4 - \square 0.64[0.025]TYP$ 13.80±0.50[0.540±0.02] 24.80±1.00[0.976±0.04] PREPARED BY: 11.40±0.50[0.450±0.02] D. Rund **ENGINEER:** DWG CONTROL NO. REV MODEM COUPLING P-A1-12313 TTC-5010 **TRANSFORMER** M. Pitchai QUALITY CONTROL: ACAD\TTC\A1123131.DWG CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 MODEL SPECIFICATION 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 (909) 699-1270 FAX 9096769482 DIM: mm(In) SCL: 1/1

APPROVED: D. Kelley

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