

REV. Status

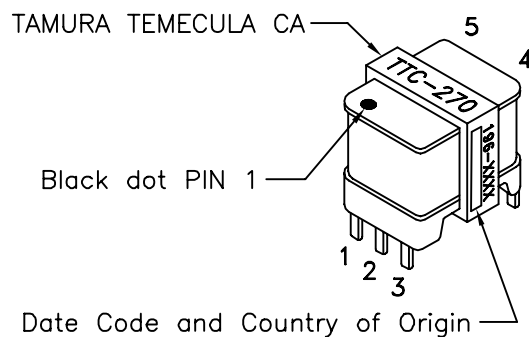
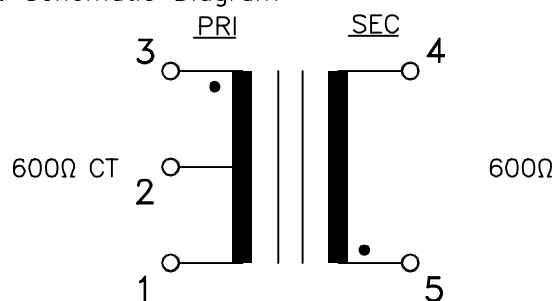
ISSUE 1
1/13/92 TSISSUE 2
TEMECULA
WAS CARSON
NOTE 4 $\pm 25\%$
WAS $\pm 20\%$
4/10/95 TS

A. Electrical Specifications (@ 25 ° C)

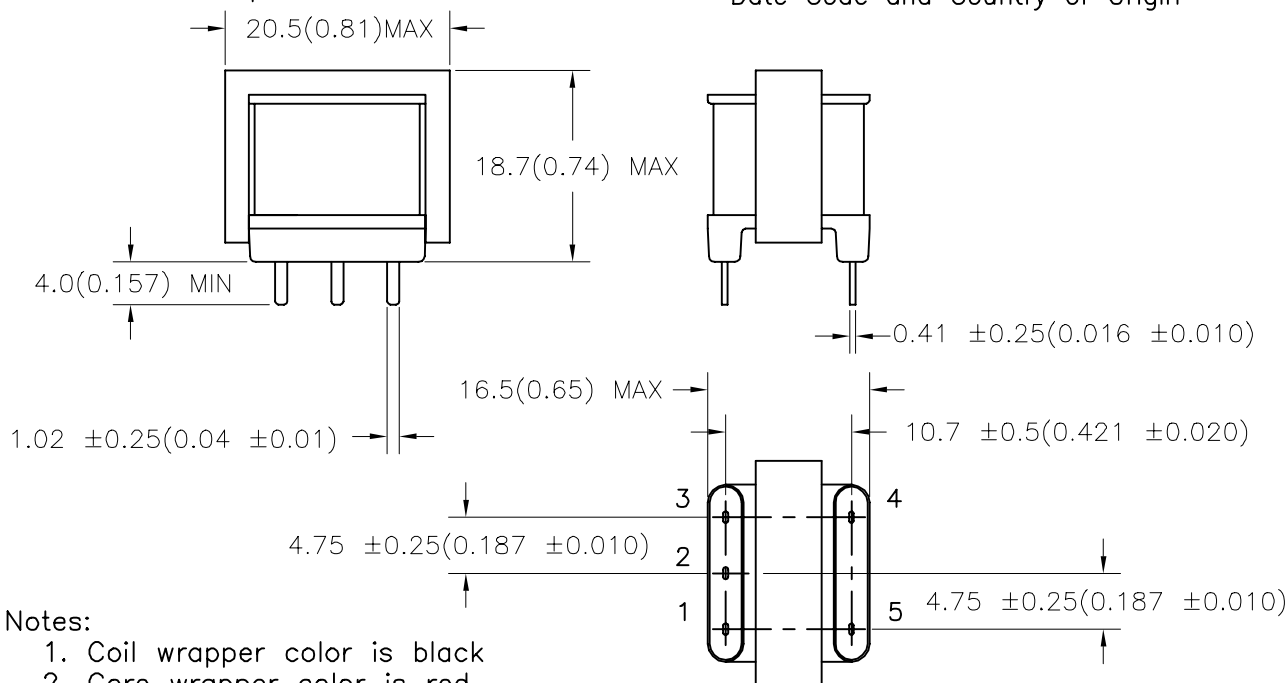
1. Impedance Ratio;
 $600\ \Omega \pm 25\%$ CT : $600\ \Omega \pm 25\%$ @ 300 Hz to 3.5 KHz, 0 dBm
2. DC Resistance;
 $(1-2) = 22.0\ \Omega \pm 20\%$
 $(2-3) = 22.0\ \Omega \pm 20\%$
 $(1-3) = 44.0\ \Omega \pm 20\%$
 $(4-5) = 56.0\ \Omega \pm 20\%$
3. Turns Ratio;
 $(1-3) : (1-2) = 1 : 0.4989 - 0.5011$
 $(1-3) : (4-5) = 1 : 0.9800 - 1.0200$
4. Inductance; $(1-3)$ 0.25 Hy $\pm 25\%$ @ 300 Hz 0.75 V ± 0.05 V
5. Transmission;
 -8.0 dB MAX @ 25KHz 0.75 V
 -6.9 dB ± 0.3 (reading M) @ 1 KHz 0.75 V
 M -2.0 dB MAX @ 300 Hz 0.75 V
 M +0.4 dB MAX @ 3.5 KHz 0.75 V
6. Dielectric strength
 1500 Vrms, 1 minute @ Pri to Sec, Pri to Core
 1000 Vrms, 1 minute @ Sec to Core
7. Insulation Resistance;
 100 M Ω MIN between windings and between windings and Core at 100 VDC
8. Induced Voltage; $(1-3)$ 200 Vrms, 10 KHz, 1 minute

B. Marking; TTC-270, TAMURA TEMECULA CA, date code and country of origin

C. Schematic Diagram



D. Mechanical Specifications



Notes:

1. Coil wrapper color is black
2. Core wrapper color is red
3. Reference Comdial TR001-001

PREPARED BY:	DWG CONTROL NO.	REV	TELECOMMUNICATION COUPLING	TTC-270		
K. Brennan	P-A1-10556	A	TRANSFORMER			
ENGINEER:	ACAD\TTC\A1105561.DWG		MODEL SPECIFICATION			
T. Shiozawa	CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE		TAMURA CORPORATION OF AMERICA			
APPROVED:			43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 (909) 699-1270 FAX 9096769482			
V. Casey	PROPRIETARY NOTICE: THIS DRAWING PRINT OR DOCUMENT AND SUBJECT MATTER DISCLOSED HEREIN ARE PROPRIETARY ITEMS TO WHICH TAMURA RETAINS THE EXCLUSIVE RIGHT OF DISSEMINATION, REPRODUCTION, MANUFACTURE AND SALE. THIS DRAWING, PRINT OR DOCUMENT IS SUBMITTED IN CONFIDENCE FOR CONSIDERATION BY THE RECIPIENT ALONE UNLESS PERMISSION FOR FURTHER DISCLOSURE IS EXPRESSLY GRANTED IN WRITING.		DIM: mm(In) SCL: NONE SH: 1 OF 1			

MODEL NUMBER

TTC-270