

REV. Status

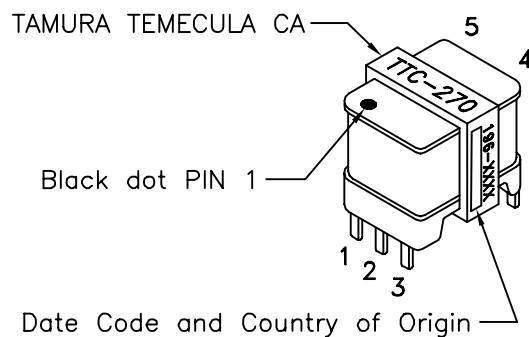
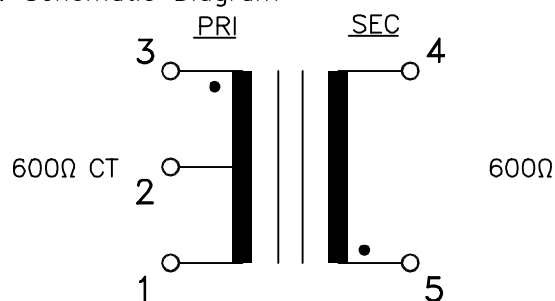
ISSUE 1
1/13/92 TSISSUE 2
TEMECULA
WAS CARSON
NOTE 4 $\pm 25\%$
WAS $\pm 20\%$
4/10/95 TS

A. Electrical Specifications (@ 25 ° C)

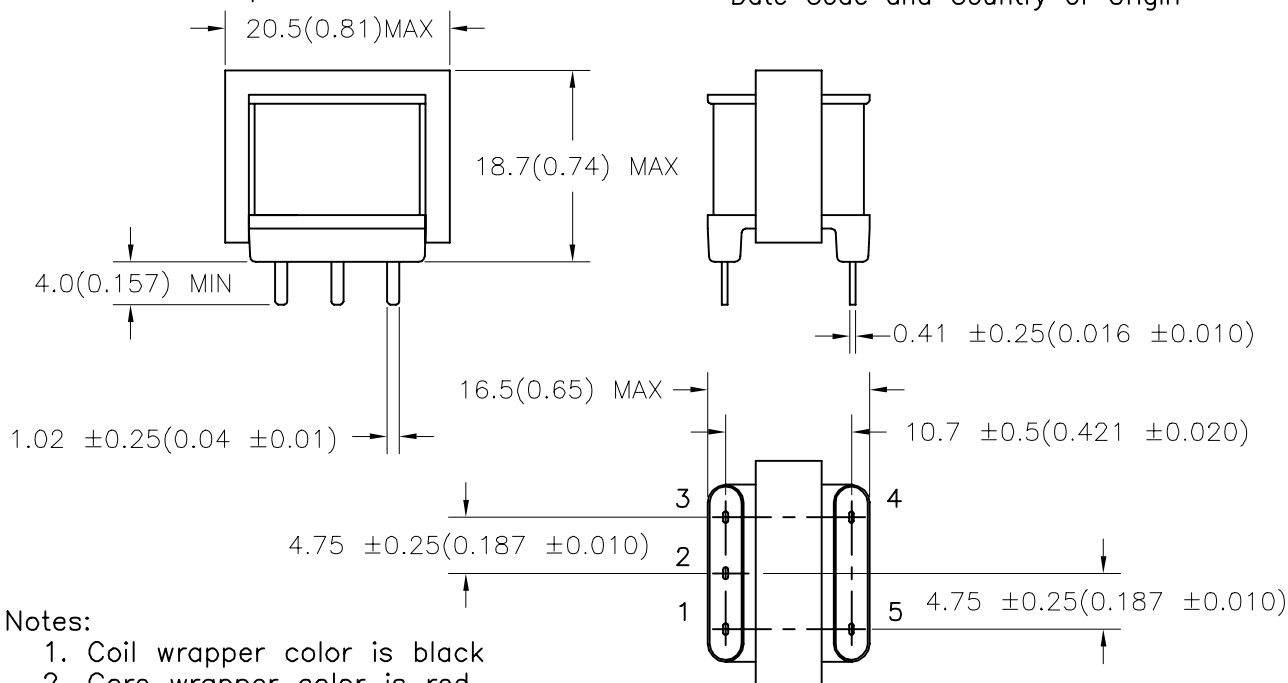
1. Impedance Ratio;
 $600\ \Omega \pm 25\%$ CT : $600\ \Omega \pm 25\%$ @ 300 Hz to 3.5 KHz, 0 dBm
2. DC Resistance;
 $(1-2) = 22.0\ \Omega \pm 20\%$
 $(2-3) = 22.0\ \Omega \pm 20\%$
 $(1-3) = 44.0\ \Omega \pm 20\%$
 $(4-5) = 56.0\ \Omega \pm 20\%$
3. Turns Ratio;
 $(1-3) : (1-2) = 1 : 0.4989 - 0.5011$
 $(1-3) : (4-5) = 1 : 0.9800 - 1.0200$
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					
T. Shiozawa	CONTENTS OF THIS DRAWING ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE		TAMURA CORPORATION OF AMERICA 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 (909) 699-1270 FAX 9096769482		MODEL SPECIFICATION	
APPROVED:					DIM: mm(In)	SCL: NONE
V. Casey					SH: 1 OF 1	
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MODEL NUMBER

TTC-270