

REV. Status

REVISION - 7/24/91 HA
REVISION A REVISED DIM 17.1±1.9 (0.673±0.075) --WAS-- 9.53(0.375)MIN 2/18/93 TS
REVISION B NEW FORMAT 8/30/99 TS

Data Bus Interface Transformer

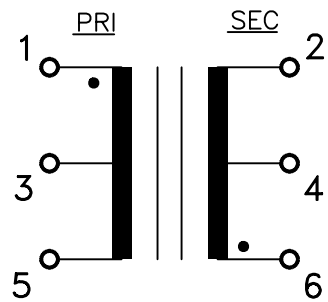
A. Electrical specification (@ 25°C)

1. Dielectric strength;
100Vrms 5 seconds @ Pri to Sec cutoff current 1mA
2. Insulation resistance;
10000MΩ MIN @ DC250V
3. Turns ratio;
(1-5) : (2-6) = 1 : 1±2%
(1-3) : (2-4) = 1 : 1±2%
4. Primary open circuit inductance;
3.0mH MIN @ 100KHz, -55°C, 25°C, 90°C
5. Primary ET-constant
20Vμ sec MIN
6. Interwinding capacitance between primary and secondary;
50pF MAX @ 100KHz, 0.1V
7. Primary leakage inductance with shorted secondary;
2.7μH MAX @ 100KHz, 0.1V
8. DC Resistance;
(1-5) = 1.25Ω MAX
(2-6) = 1.25Ω MAX
(1-3) = 0.62Ω MAX
(3-5) = 0.62Ω MAX
(2-4) = 0.62Ω MAX
(4-6) = 0.62Ω MAX

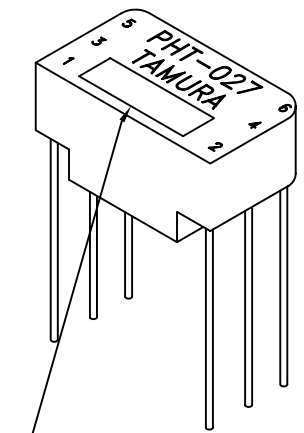
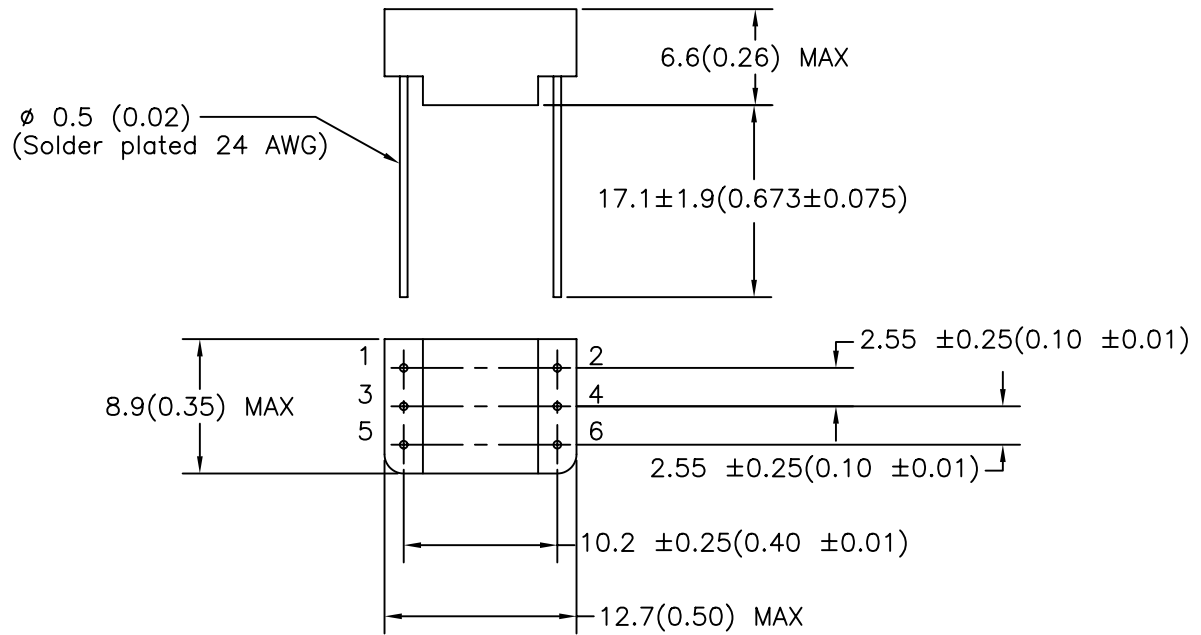
B. Marking;

PHT-027, TAMURA, date code and country of origin

C. Schematic diagram



D. Mechanical Specification



Date code and country of origin

MODEL NUMBER

PHT-027

PREPARED BY:

D. Rund

ENGINEER:

T. Shiozawa

QUALITY CONTROL:

D. Kelley

APPROVED:

D. Kelley

DWG CONTROL NO. P-A1-10454 ACAD\A1104541.DWG	REV B	PULSE TRANSFORMER	PHT-027		
TAMURA CORPORATION OF AMERICA 43352 BUSINESS PARK DRIVE, TEMECULA, CA. 92590-6624 (909) 699-1270 FAX 9096769482			MODEL SPECIFICATION		
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