



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

LONGITUDINAL BALANCE: 35dB min., 1.544MHz, per ITU Method (L->M).

D.C. RESISTANCE (@20°C): 1-2; 3-5; 6-7; 8-10; 11-12; 13-15; 16-17; 18-20; 23-24; 25-26; 28-29; 30-29; 33-31; 35-34; 38-36; 40-39, 0.70 ohms max.

INDUCTANCE: 1.2mH min., 10kHz, 100mVAC, 3-5; 8-10; 13-15; 18-20; 24-25; 29-30; 34-35; 39-40, Ls.

LEAKAGE INDUCTANCE: 0.5uH max., 100kHz, 100mVAC, 3-5(tie 36+38); 8-10(tie 31+33); 13-15(tie 26+28); 18-20(tie 21+23); 24-25(tie 16+17); 29-30(tie 11+12); 34-35(tie 6+7); 39-40(tie 1+2), Ls.

DIELECTRIC RATING: 1500VAC, 1 minute tested by applying 1875VAC for 1 second between 1-40; 3-38; 6-35; 8-33; 11-30; 13-28; 16-25; 18-23.

⑥B TURNS RATIO: (3-5):(38-36) (8-10):(33-31) (13-15):(28-26) (18-20):(23-21) (25-24):(16-17); (30-29):(11-12); (35-34):(6-7); (40-39):(1-2) = 1.15:1, ±2%.

INTERWINDING CAPACITANCE: 25pF max., 100kHz, 100mV, 1-40; 38-3; 6-35; 33-8; 11-30; 28-13; 16-25; 23-18, Cs.

OPERATING TEMPERATURE RANGE: -40°C to +85°C.

COPLANARITY: All 40 terminals must lie on a plane within .004 [.10] of Surface A after lead tinning.

Designed to comply with the following requirements as defined by IEC950, EN60950, UL1950/CSA950 and AS/NZS3260:
 - TNV-1 to SELV isolation.

AGENCY NUMBER	
UL 60950-1	E205930
CSA 60950-1	E205930
(No. only)	

DETAILS SUBJECT TO CHANGE	
DRAWING NO. 50938R	
REV. 6D	10/04
SHEET 2 OF 8	

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REVISIONS: SEE SHEET 1 SCALE ---

TRANSFORMER
PDFP-G40

DRAWING TITLE

Unless otherwise specified:
 Tolerances: Fractions: ±1/64
 Angles: ±1°
 This drawing is dual dimensioned. Dimensions in brackets are in millimeters.

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