



**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; 25-24; 28-26; 30-29; 33-31; 35-34; 38-36; 40-39, 0.70 ohms max.

**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.

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

**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), Is.

**⑥B TURNS RATIO:** (3-5)/(38-36); (8-10)/(33-31); (13-15)/(28-26); (18-20)/(23-21) = 2:1, ±2%; (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.

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

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