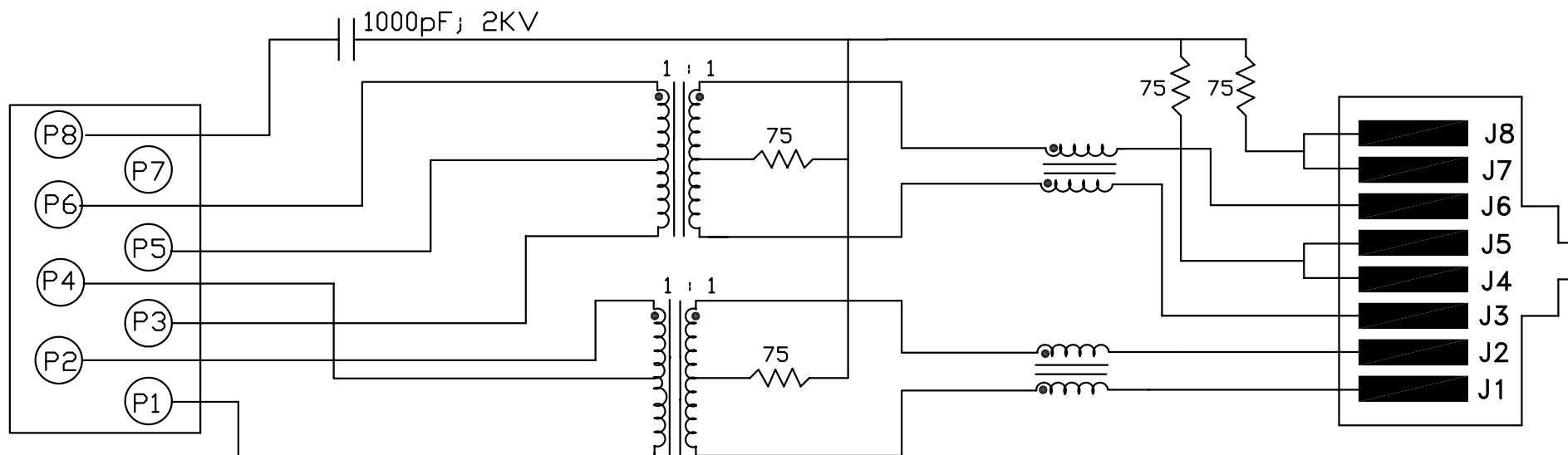


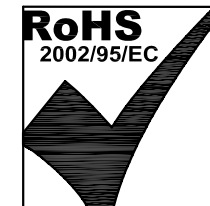


#### ELECTRICAL SPECIFICATIONS:

- |     |                                                                                  |                                                                                      |
|-----|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| 1.0 | URNS RATIO: (P6-P5-P3) : (J6-J3)<br>(P2-P4-P1) : (J2-J1)                         | : 1CT : 1CT± 3%<br>: 1CT : 1CT ± 3%                                                  |
| 2.0 | INDUCTANCE: (P6-P3)<br>(P2-P1)                                                   | : 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias<br>: 350uH MIN. @ 0.1V, 100KHz, 8mA DC Bias |
| 3.0 | LEAKAGE INDUCTANCE: P6-P3 (WITH J6 AND J3 SHORT)<br>P2-P1 (WITH J2 AND J1 SHORT) | : 0.3 MAX. @ 1MHz<br>: 0.3 MAX. @ 1MHz                                               |
| 4.0 | INTERWINDING CAPACITANCE: (P6,P5,P3) TO (J6,J3)<br>(P2,P4,P1) TO (J2,J1)         | : 35pf MAX @ 1MHz<br>: 35pf MAX. @ 1MHz                                              |
| 5.0 | DC RESISTANCE: (J6-J3)=(J2-J1)                                                   | : 1.2 ohms Max.                                                                      |

#### NOTES

1.0 PINS WITHOUT ELECTRICAL CONNECTION ARE OMITTED.



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<http://www.stewartconnector.com>

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6.0 RETURN LOSS: (P6-P3)=100 OHMS AND (P1-P2)=100 OHM REF.

1MHz TO 30MHz

: 18dB MIN.

60MHz TO 80MHz

: 12dB MIN.

NOTE: 100 OHMS CONNECTED TO (J2-J1) OR (J6-J3).

7.0 VOLTAGE WITHSTAND:

(J1, J2) TO (P1, P2)

: 1500 VAC

(J3, J6) TO (P3,P6)

: 1500 VAC

8.0 INSERTION LOSS: RS=RL=100 ohms

100KHz TO 100MHz

1.1 dB TYP

9.0 RISE TIME: RS=100 OHMS AND RL = 100 OHMS

OUTPUT VOLTAGE = 1 V peak

3.0 nS MAX

PULSE WIDTH= 112nS

3.0 nS MAX

10.0 CROSS TALK:

1MHz TO 100MHz

40 dB TYP

11.0 COMMON TO COMMON MODE ATTENUATION:

30MHz TO 100MHz

35dB TYP

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