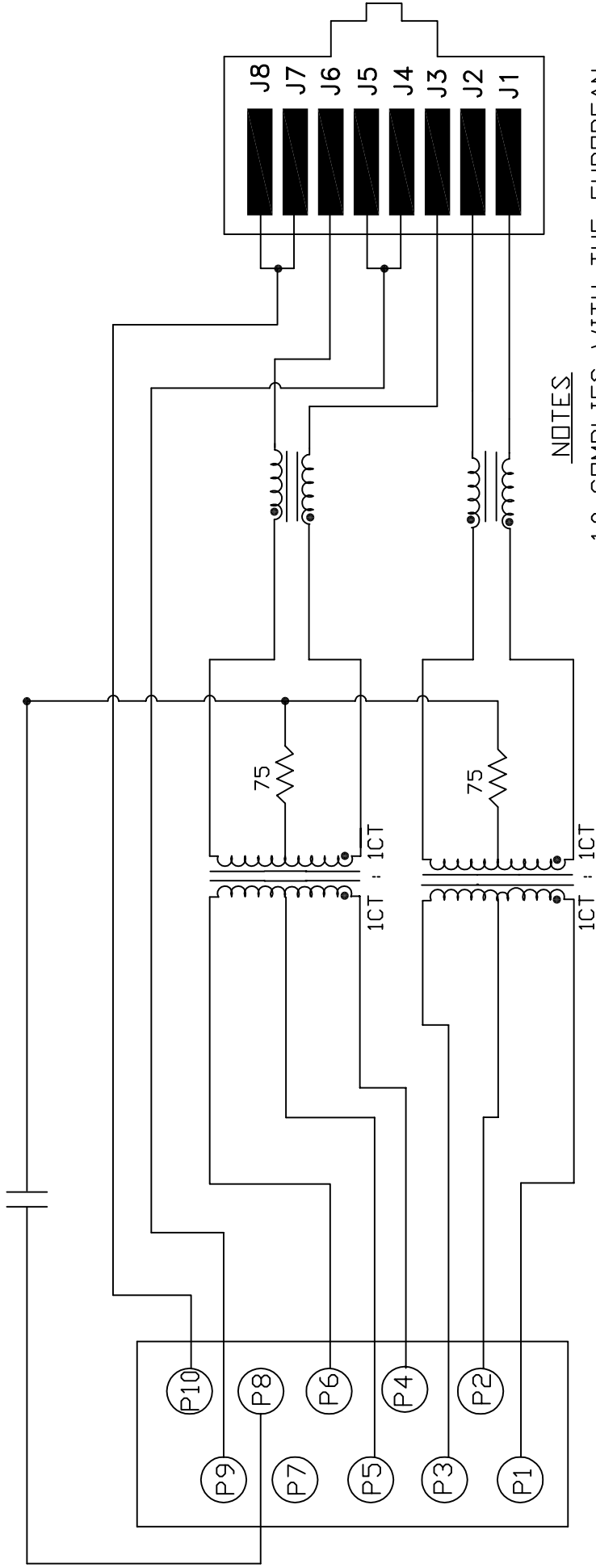


1000pF; 2KV



NOTES

1.0 COMPLIES WITH THE EUROPEAN DIRECTIVE 2002/95/EC, CALLING FOR THE ELIMINATION OF LEAD AND OTHER HAZARDOUS SUBSTANCES FROM ELECTRONIC PRODUCTS.

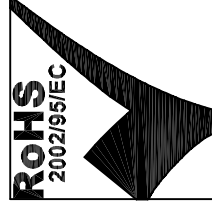
2.0 UNUSED PIN P7 IS OMITTED.

ELECTRICAL SPECIFICATIONS:

OPERATING TEMPERATURE RANGE: -40\M+2A258 C TO 85\M+2A258 C

1.0 TURNS RATIO: (P1-P3) : (J1-J2) : 1CT : 1CT ± 3%
 (P4-P6) : (J3-J6) : 1CT : 1CT ± 3%

2.0 INDUCTANCE: (P1-P3) : 350uH MIN. @ 0.1V, 100KHZ, 8mA DC Bias
 (P4-P6) : 350uH MIN. @ 0.1V, 100KHZ, 8mA DC Bias



Bel Stewart Connector
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 Glen Rock, Pa 17327-9199
 717.234.7512

MagJack®

<http://www.stewartconnector.com>

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ELECTRICAL SPECIFICATIONS:

3.0 DC RESISTANCE: (P1-P3); (P4-P6) : 1.2 OHMS
(J1-J2); (J3-J6) : 1.2 OHMS

4.0 RETURN LOSS: (P1-P3)=100 OHMS REF. AND (P4-P6)=100 OHM REF.
1MHZ TO 30MHZ : 18dB MIN.
31MHZ TO 80MHZ : 12dB MIN.

5.0 INSERTION LOSS: RS & RL =100 ohms : 1.1 dB TYP
1MHZ TO 100MHZ

6.0 CROSS TALK: 1MHZ - 100 MHZ : 35 dB TYP

7.0 DIFFERENTIAL TO COMMON MODE ATTENUATION:
1MHZ TO 100MHZ : 40dB TYP

8.0 DIELECTRIC WITHSTAND: (P1-P3) TO (J1-J2) : 1500 VAC
(P4-P6) TO (J3-J6) : 1500 VAC

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SHEET

2 OF 3

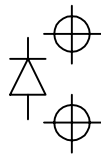
DRAWING NO.

SI-46008-F

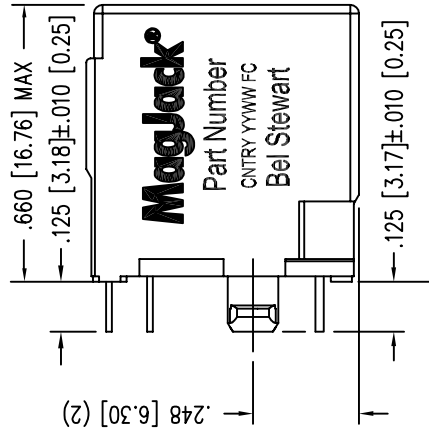
REV.

01

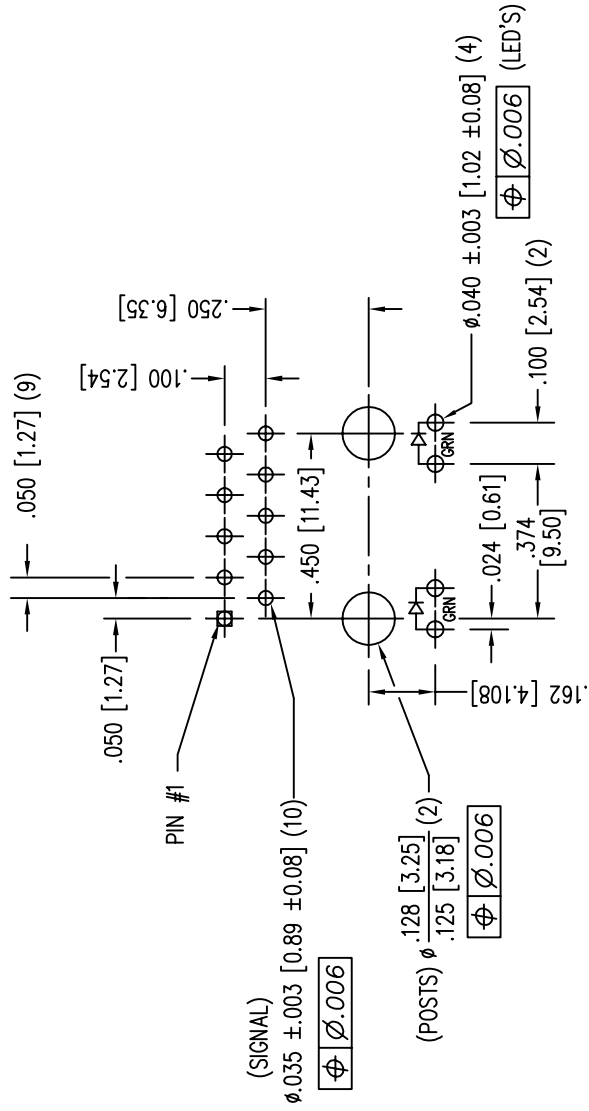
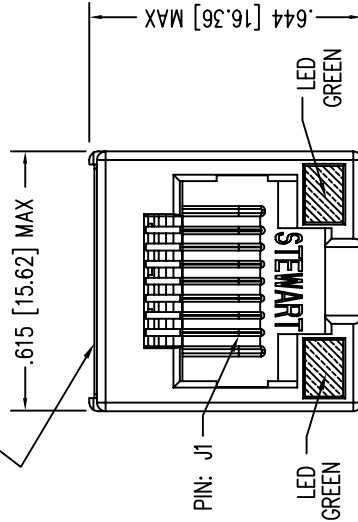
LED POLARITY
(ENLARGED VIEW)



SINGLE COLOR LED

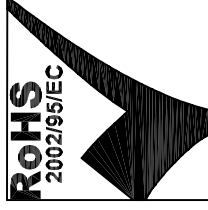


MAGNETIC COMPONENT CAVITY IS FILLED WITH POTTING COMPOUND



P.C.B. RECOMMENDED HOLE LAYOUT
SEEN FROM COMPONENT SIDE

ALL CENTERLINE DIMENSIONS ARE BASIC.



NOTES:

- CONNECTOR MATERIALS:
HOUSING: THERMOPLASTIC UL94 V-0
CONTACT: COPPER ALLOY
CONTACT PLATING: SELECTIVE GOLD,
50 MICRO-INCHES MIN. IN CONTACT AREA.
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED.
SEE ELECTRICAL DRAWING FOR OMITTED PINS.
- TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.
- ALL TOLERANCES NOT OTHERWISE SPECIFIED TO BE ±.005 [0.13]
- WAVE SOLDER COMPATIBLE - PREHEAT 125°C/90SECS.

LED SPECIFICATIONS				
STANDARD LED	* FORWARD VOLTAGE (MAX)	* FORWARD VOLTAGE (TYP)	POWER DISSIPATION	LUMINOUS INTENSITY @ 10mA
GREEN DIFFUSED	2.6 V	2.25 V	105 mW	MIN MAX
			2 MCD	2 MCD 8 MCD
				WAVELENGTH 555 nm

* WITH A FORWARD CURRENT OF 20 mA

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SHEET 3 OF 3

REV. 01