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RoHS
2002/95/EC



ELECTRICAL CHARACTERISTICS

1.0 IMPEDANCE J3-P3, J4-P4:

100MHz	102 OHMS MIN., 157 OHMS MAX.
200MHz	45 OHMS MIN., 86 OHMS MAX.
500MHz	6 OHMS MIN., 49 OHMS MAX.

2.0 CURRENT CAPACITY: 500mA MAX.

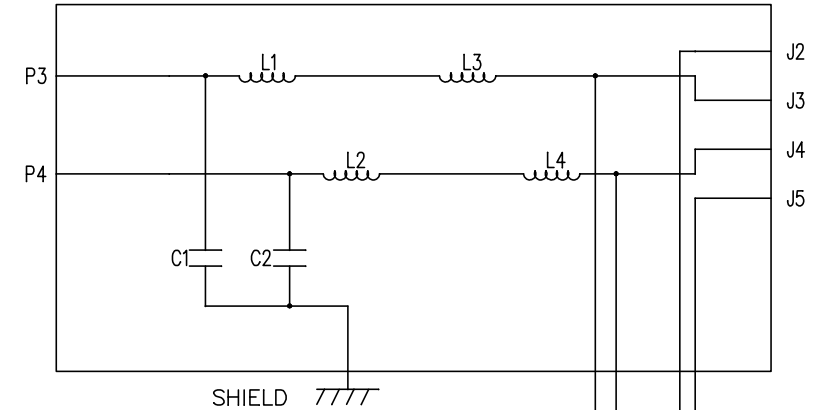
3.0 CAPACITANCE (1KHZ) P3-SHIELD, P4-SHIELD:
10 nF NOMINAL, RATED AT 200V

4.0 FERRITE BEADS L1 - L8: LAIRD P/N HI1206T161R-10

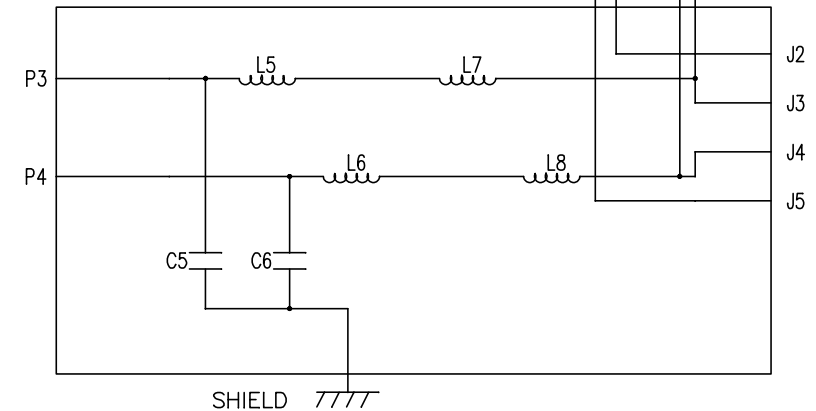
5.0 DESIGNED TO WITHSTAND GR1089 FIRST AND SECOND LEVEL SURGES FOR TYPE 1, 3, AND 5 TELECOMMUNICATION PORTS

NOTE: PASSIVE COMPONENTS AND PCB LAYOUT NOT TO BE MODIFIED IN ANY WAY WITHOUT CUSTOMER APPROVAL.

PINS SCHEMATIC PORT 1 RJ



PINS SCHEMATIC PORT 2 RJ



ORIGINATED BY	DATE
X.C Zeng	05-11-2011
DRAWN BY	DATE
R.S Zheng	05-11-2011

TITLE	MagJack® SPECIAL TAB UP, SHIELDED
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PART NO. / DRAWING NO.	SI-50244-G
FILE NAME	SI-50244-G.DWG

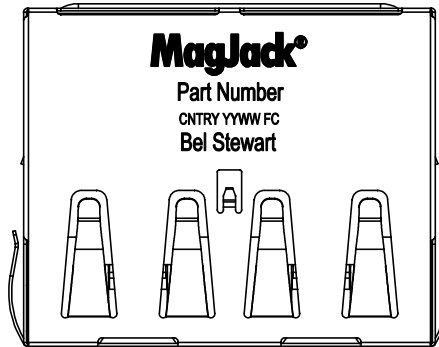
STANDARD DIM.	[] METRIC DIM. AS REFERENCE
TOL. IN INCH	UNIT : INCH [mm]
.X	SCALE : N/A
.XX	REV. : A1
.XXX	SIZE : A4
±0.005	PAGE : 2

[] METRIC DIM. AS REFERENCE	REV. : A1
UNIT : INCH [mm]	SIZE : A4
SCALE : N/A	PAGE : 2

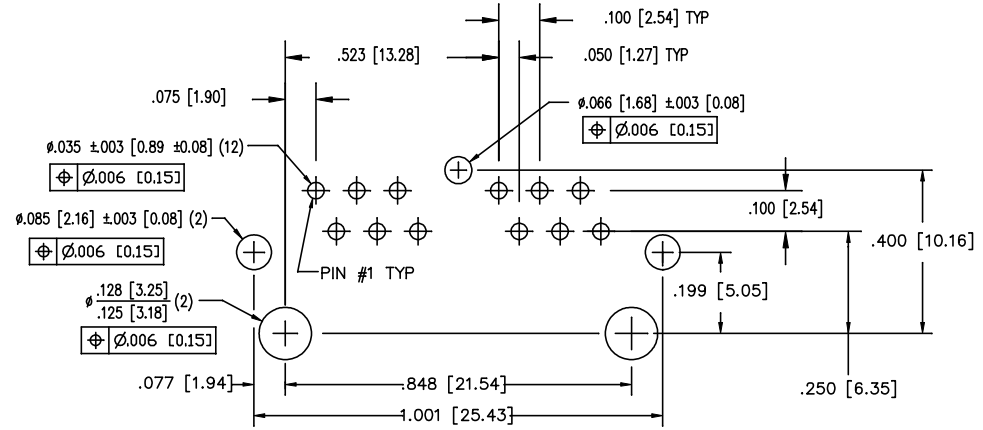


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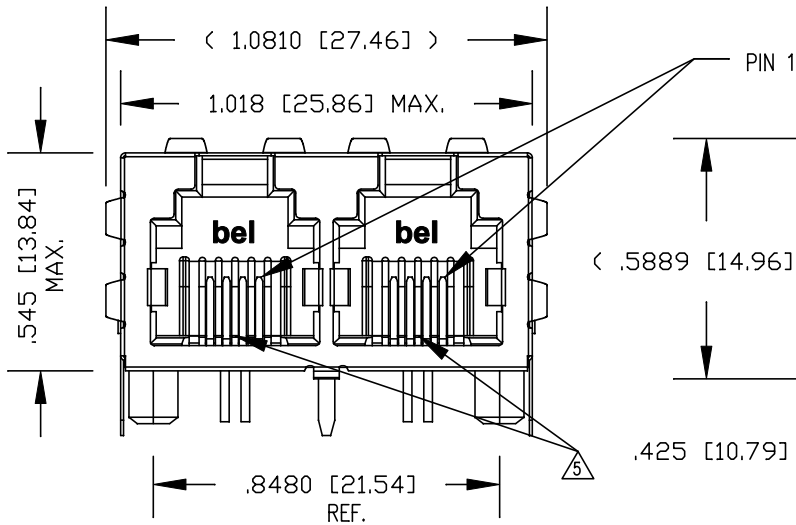


.850 [21.59] MAX.



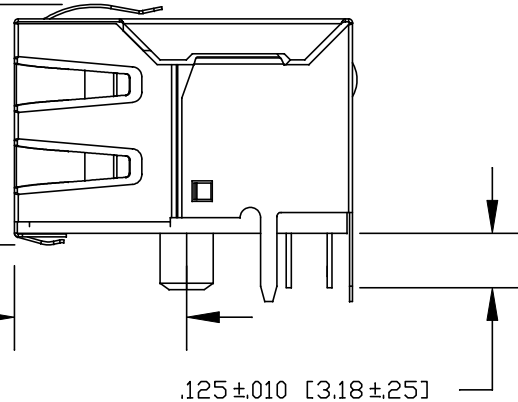
P.C.B. RECOMMENDED HOLE LAYOUT
SEEN FROM COMPONENT SIDE

ALL CENTERLINE DIMENSIONS ARE BASIC.



PIN 1

(.5889 [14.96])



NOTES:

- CONNECTOR MATERIALS:
HOUSING: THERMOPLASTIC UL94-V0
CONTACT/SHIELD: COPPER ALLOY
SHIELD PLATING: NICKEL OR TIN
CONTACT PLATING: SELECTIVE GOLD,
50 μINCHES MIN. IN CONTACT AREA
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED.
SEE ELECTRICAL DRAWING FOR OMITTED PINS.
- TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.
- WAVE SOLDER COMPATIBLE - PREHEAT 125° C/90 SEC.
- JACK PORT CONTAINS ENVIRONMENTAL PROTECTION COATING

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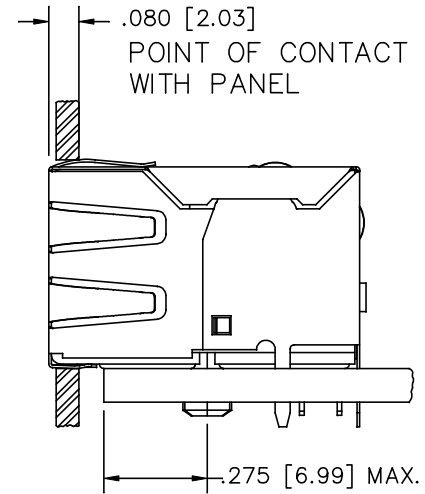
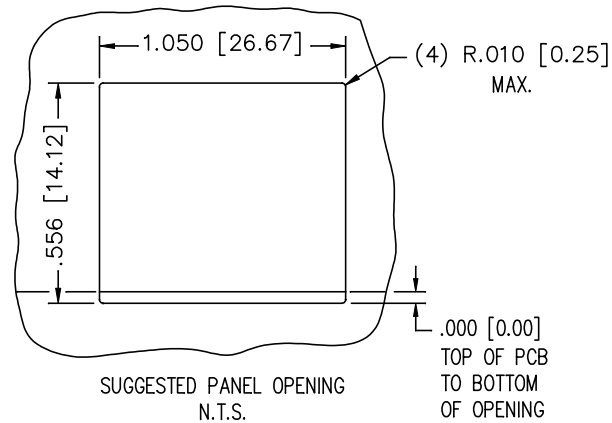
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