

THE INFORMATION CONTAINED HEREIN IS CONSIDERED 'PROPRIETARY' TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC.

PRELIMINARY



ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%

□CL @ 100kHz/100mVRMS
8mA DC BIAS

350µH MIN.

INS. LOSS

0.1MHz TO 1MHz	-1.1 dB MAX
1MHz TO 65MHz	-0.5 dB MAX
65MHz TO 100MHz	-0.8 dB MAX
100MHz TO 125MHz	-1.2 dB MAX

RET. LOSS (MIN)

0.5MHz-40MHz	-18 dB
40MHz-100MHz	-12+20LOG(f/80MHz) dB

CM TO CM REJ

100kHz - 100MHz -30 dB MIN

CM TO DM REJ

100kHz - 100MHz -35 dB MIN

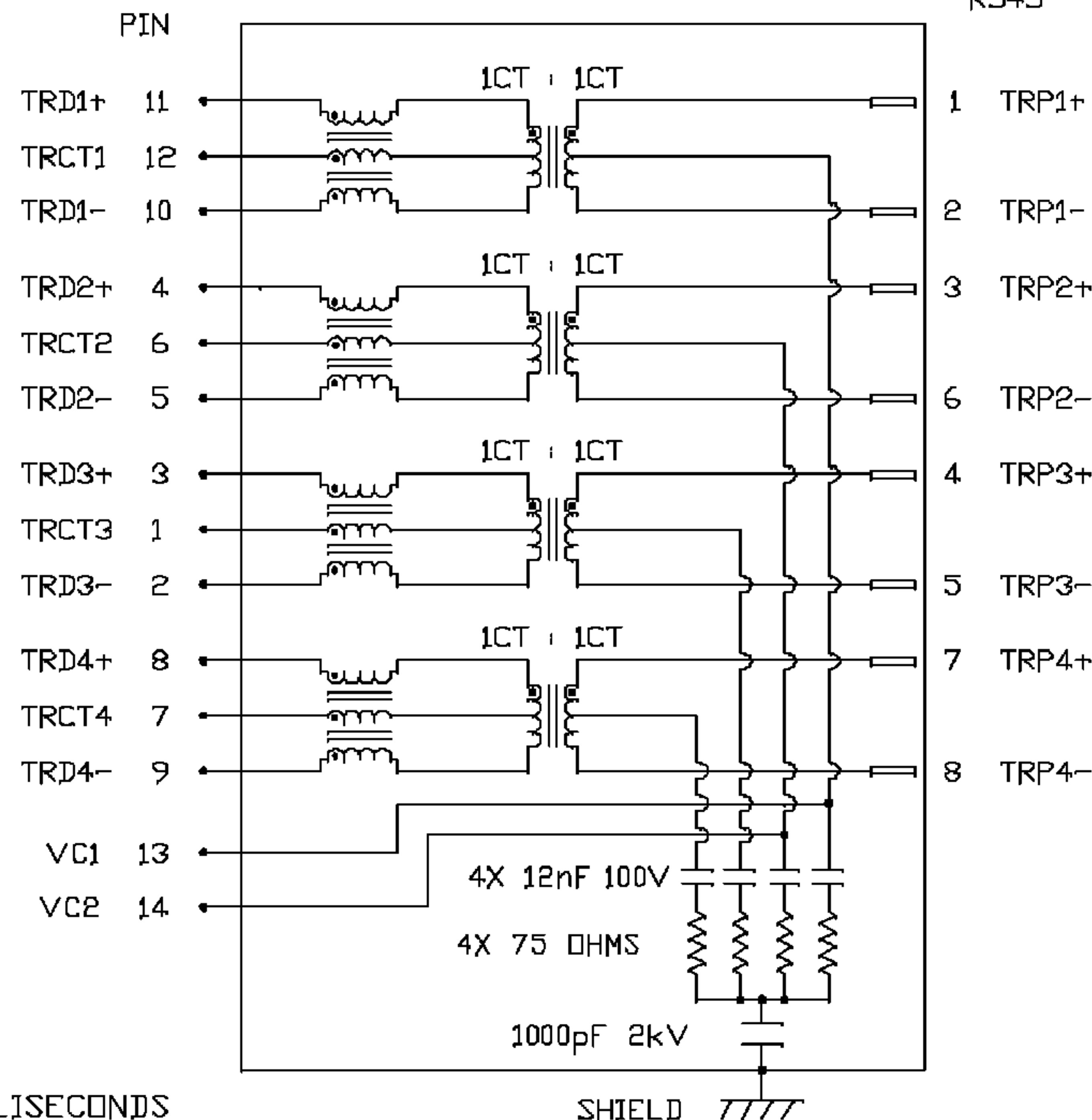
HIPOT (Isolation Voltage): 2250 VDC

100% OF PRODUCT TESTED IN PRODUCTION

BALANCED DC LINE CURRENT 350 mA MAX, @ 57 VDC CONTINUOUS

500 mA MAX, @ 57 VDC FOR 200 MILLISECONDS

SCHEMATIC



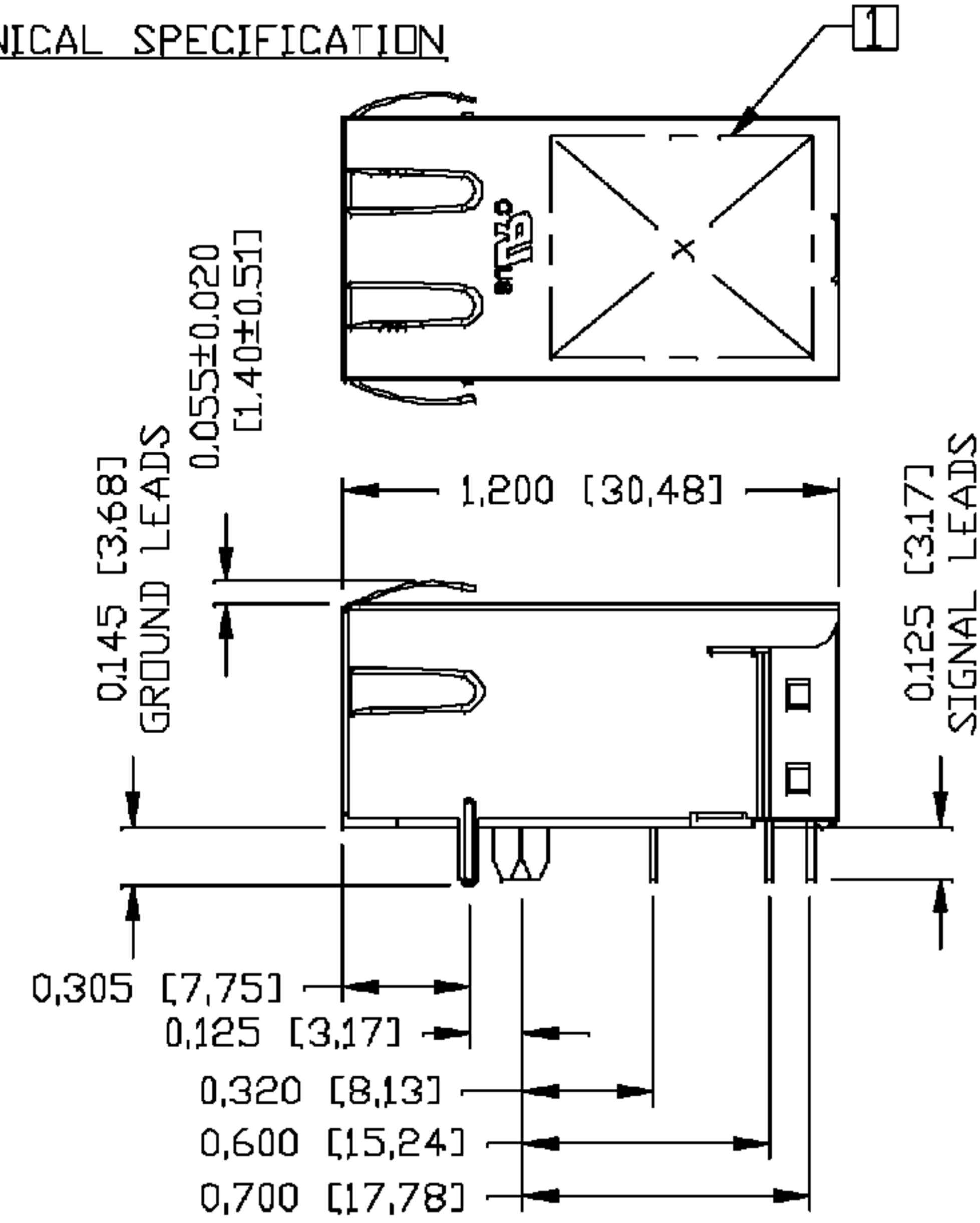
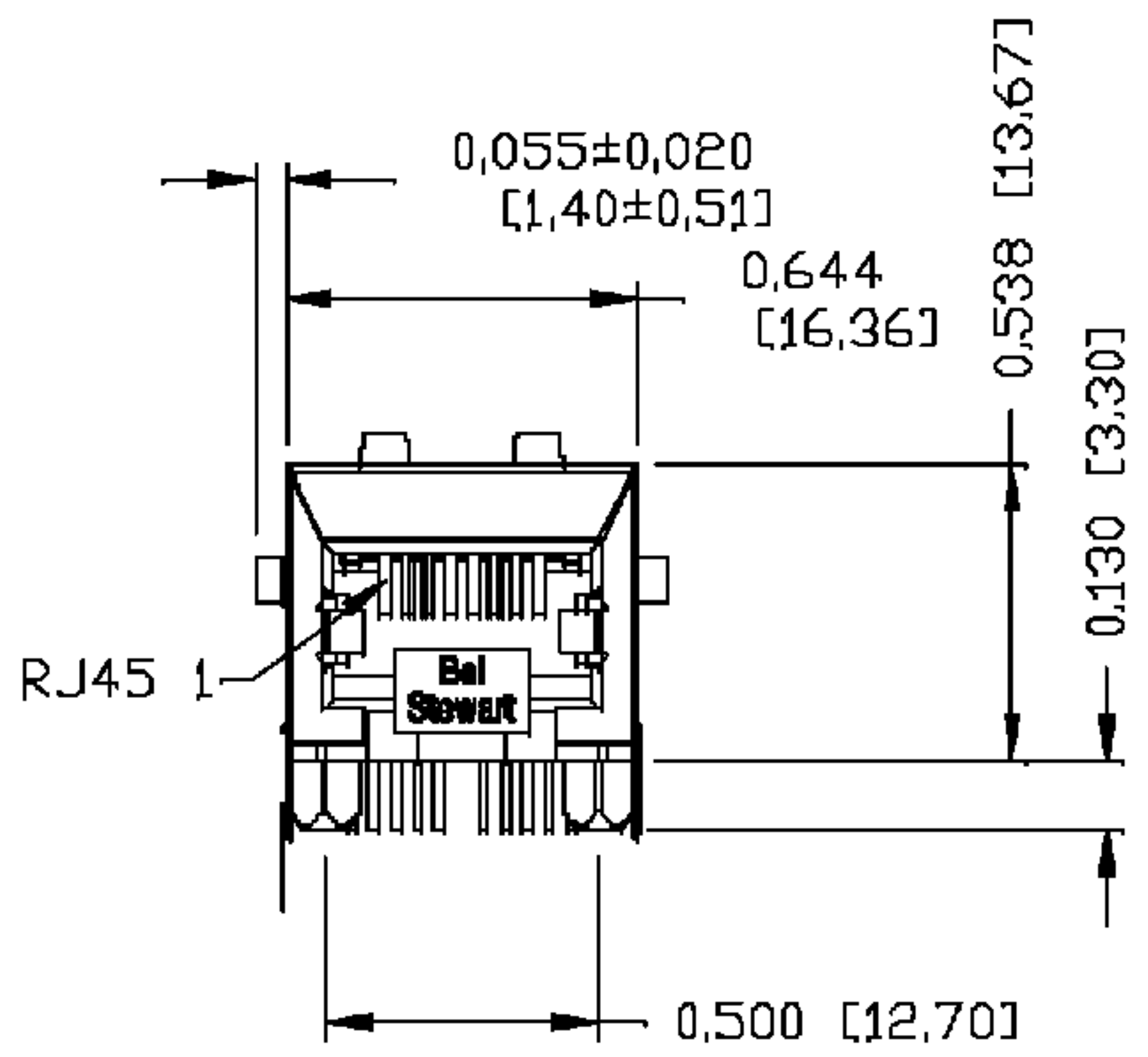
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE		
CHUNG	12-13-06	glgabl MagJack® (VOIP) 0813-1X1T-80-F	08131X1T80-F	X	UNIT : INCH [mm]		REV. : PA
DRAWN BY	DATE		FILE NAME	X	SCALE : N/A		SIZE : A4
DE	12-13-06		08131X1T80-FPA,DWG	XX		PAGE : 2	

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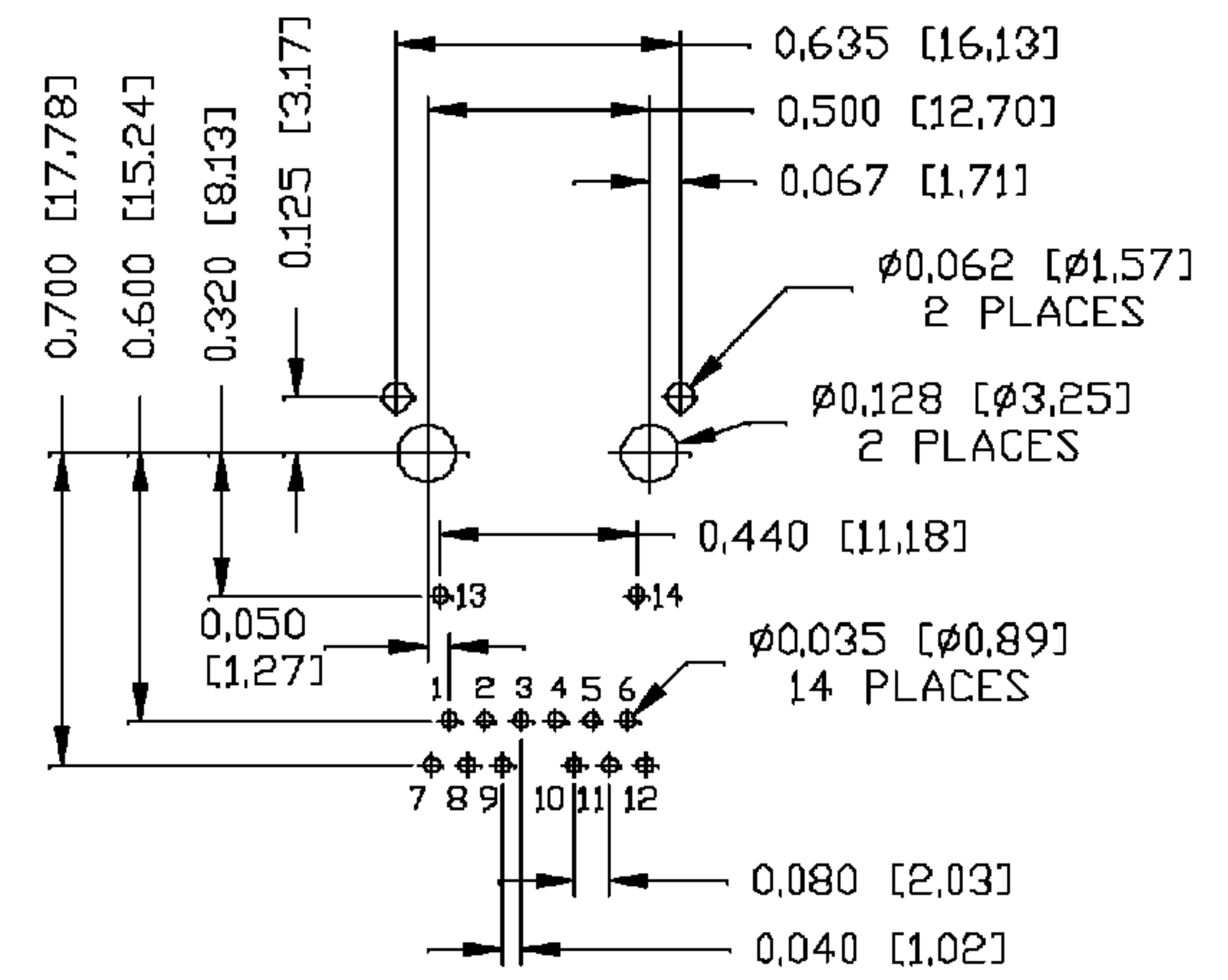
MECHANICAL SPECIFICATION



PRELIMINARY



RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW



NOTES:
 PLASTIC HOUSING: THERMOPLASTIC PBT
 FLAMMABILITY RATING UL 94V-0
 CONTACTS: 50 MICRO-INCH HARD GOLD PLATING
 WITH UNDERPLATING OF 50 MICRO-INCH NICKEL.
 OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0,018 INCH.
 METAL SHIELD: NICKEL PLATED ON COPPER ALLOY,
 (ALL GROUND LEAD ARE SOLDER DIPPED)
 JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS,
 □ MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER AND DATE CODE
 UL RECOGNIZED - FILE #E196366 AND E169987,
 2. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
BILL	12-13-06	glgabl MagJack® (VOIP) 0813-1X1T-80-F	08131X1T80-F	X	UNIT : INCH [mm] REV. : PA
DRAWN BY	DATE		FILE NAME	XX	SCALE : N/A SIZE : A4
GIN	12-13-06		08131X1T80-FPA.DWG	XXX ±0,010	PAGE : 3

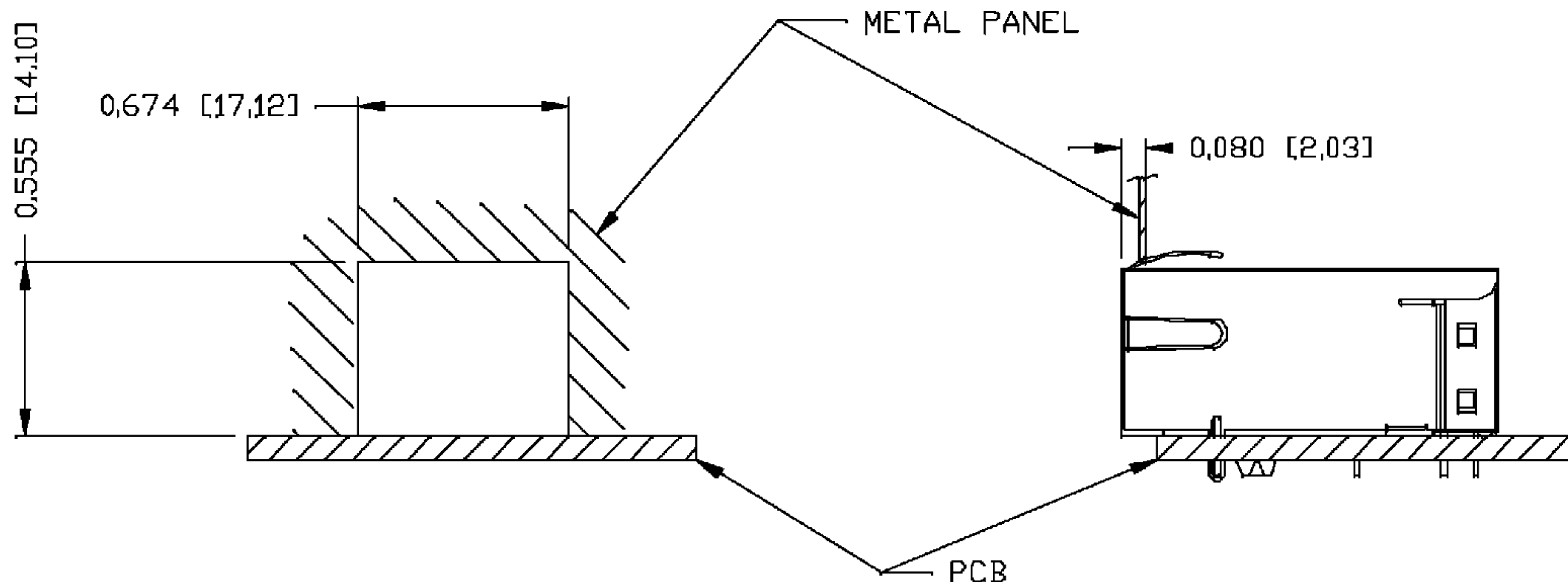


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PRELIMINARY



SUGGESTED PANEL OPENING



NOTES:

THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION. IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

PACKING INFORMATION

PACKING TRAY : 0200-9999-F1(TOP)

0200-9999-F2(BOTTOM)

PACKING QUANTITY : 40 PCS FINISHED GOODS PER TRAY

10 TRAYS (400 PCS FINISHED GOODS) PER CARTON BOX

NOTER: CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX (INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
BILL	12-13-06	glgabl MagJack® (VOIDP) 0813-1X1T-80-F	08131X1T80-F	X	UNIT : INCH [mm] REV. : PA
DRAWN BY	DATE		FILE NAME	XX	SCALE : N/A SIZE : A4
QIN	12-13-06		08131X1T80-FPA.DWG	XXX ±0.004	⊕ → PAGE : 4

