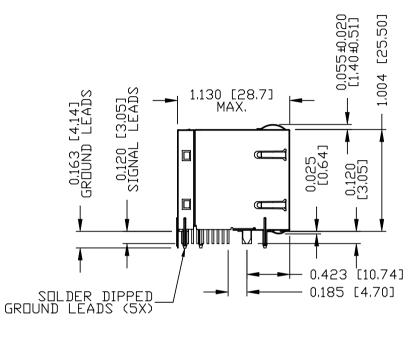


 Electrical characteristics @	2 25 ° C					<u>SCHEMATIC</u>		
TURNS RATIO								RJ45
TP1 TP2 TP3 TP4	1CT : 1CT ±2% 1CT : 1CT ±2% 1CT : 1CT ±2% 1CT : 1CT ±2%	TRD1-	1	•		1CT : 1CT		1 TRP1+
□CL @ 100kHz/100m∨RMS		TRD1+	2	•	1 0.1uF m	3 E 		2 TRP1-
8mA DC BIAS INS. LOSS	350μΗ MIN.	TRD2-	3	•		1CT : 1CT		3 TRP2+
0.1MHz TO 1MHz 1MHz TO 65MHz 65MHz TO 100MHz 100MHz TO 125MHz	-1.1 dB MAX -0.5 dB MAX -0.8 dB MAX -1.2 dB MAX	TRD2+	4	•	± 0.1uF			6 TRP2-
RET. LOSS (MIN)	112 33 11177	TRD3-	5	•	<u> </u>	1CT : 1CT	$\longrightarrow \longleftarrow $	4 TRP3+
0.5MHz-40MHz 40MHz-100MHz	-18 dB -12+20L0G(f/80MHz) dB	TRD3+	6	•	± 0.1uF • • • • • • • • • • • • • • • • • • •			5 TRP3-
CM TO CM REJ 100kHz - 100MHz	-30 dB MIN	TRD4-	7	•		1CT : 1CT		7 TRP4+
CM TO DM REJ 100kHz – 100MHz	-35 dB MIN	TRD4+	8	•	10.1uF			8 TRP4-
HIPOT (Isolation Voltage): 100% OF PRODUCTION TESTED	1500 Vrms TO COMPLY WITH	T1/2/3/4	9	•		4X 75 DHMS		
IEEE 802.3 ISOLATION REQUI		GND	10	•	Ţ		 	
						1000pF 2kV	<u> </u>	
						SHIELD ;	7777	

ORIGINATED BY	DATE		PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	ı
CHOW WANGCHUNG	08-31-10		08332X2R54-F	TOL. IN INCH	UNIT : INCH [mm] REV. : C	1
DRAWN BY	DATE		FILE NAME	.X .XX	SCALE: N/A SIZE: A4	1
LEE WEIDE	08-31-10	PATENTED	08332X2R54-F_C.DWG	.XXX	PAGE : 2	L







NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT

FLAMMABILITY RATING UL 94V-0

CONTACT PLATING: 50 MICRO-INCH HARD GOLD PLATING

DUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.

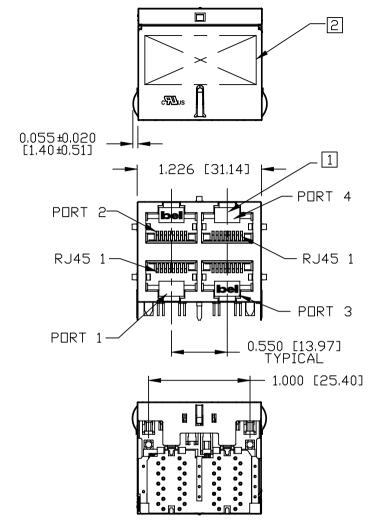
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.

(ALL GROUND LEADS ARE SOLDER DIPPED)

1. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.

2. MARK PART WITH MFG LOGD, MFG NAME, PART NUMBER, DATE CODE AND PATENTED.

3. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.



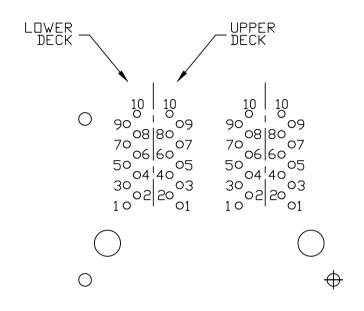
causul recognized - file #E196366 and E169987.

4. THE PRODUCT IS PATENTED, THE PATENT NUMBER ARE U.S. PAT. 5,736,910 AND U.S. PAT. 6,840,817 AND U.S. PAT. 7,123,117.

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS	REFERENCE
CHEN BILL	08-31-10	2X2 gigabit MagJack®	08332X2R54-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : C
DRAWN BY	DATE	0833-2X2R-54-F PATENTED	FILE NAME	X .XX	SCALE: N/A	SIZE: A4
XIAN JIAXIN	08-31-10	FAIENTED .	08332X2R54-F_C.DWG	.XXX ±0.010	$\begin{array}{c c} & & & \\ & & & \\ \hline \end{array}$	PAGE: 3





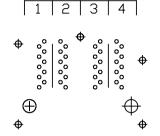


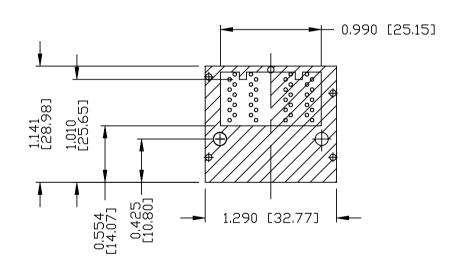
PIN-OUT INFORMATION (COMPONENT SIDE VIEW)

10	GND
9	TRDCT1/2/3/4
8	TRD 4+
7	TRD 4-
6	TRD 3+
5	TRD 3-
4	TRD 2+
3	TRD 2-
2	TRD 1+
1	TRD 1-

TITLE

PORT ASSIGNMENT (COMPONENT SIDE VIEW)





THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.

ORIGINATED BY	DATE		
CHEN BILL	08-31-10		
DRAWN BY	DATE		

2X2 gigabit MagJack[®] 0833-2X2R-54-F PATENTED

PART NO. / DRAWING NO.	STANDA		
08332X2R54-F	TOL. IN	Ī	
FILE NAME	.X	_	
	.XX	_	
08332X2R54-F_C.DWG	XXX	_	

DART NO / DRAWING NO

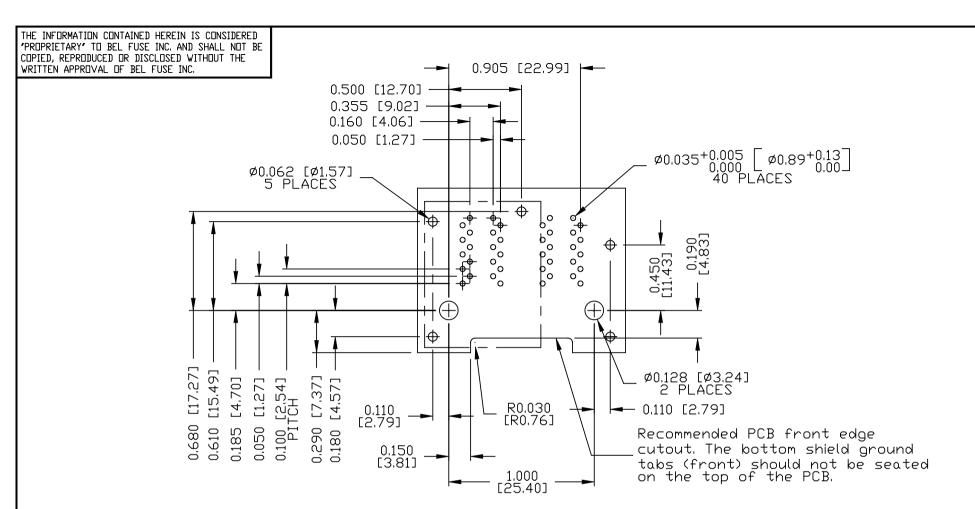
RD DIM.	[]] ME
INCH	UN	IIT :
	SC	ALE

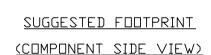
±0.004

METRIC DIM. AS REFERENCE
UNIT: INCH [mm] REV.: C
CALE: N/A SIZE: A4

PAGE: 4







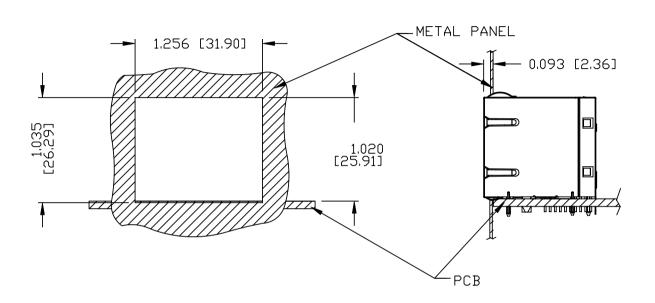
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDA	ARD DIM.	[] METRIC DIM. AS	REFERENCE	Γ.
CHEN BILL	08-31-10	2X2 gigabit MagJack®	08332X2R54-F	TOL. 1	N INCH	UNIT : INCH [mm]	REV. : C	
DRAWN BY	DATE	0833-2X2R-54-F	FILE NAME	X		SCALE: N/A	SIZE : A4	۱,
NIXAIL NAIX	08-31-10	PATENTED	08332X2R54-F_C.DWG	.XXX	±0.004		PAGE: 5	



RoHS 2002/95/E



SUGGESTED PANEL OPENING



NDTE:

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-P5 (TOP)

0200-9999-P6 (BOTTOM)

PACKING QUANTITY: 28 PCS FINISHED GOODS PER TRAY

7 TRAYS (196 PCS FINISHED GOODS) PER CARTON BOX

NOTE: 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.	STAND	ARD DIM.	[] METRIC DIM. AS	REFERENCE
CHEN BILL	08-31-10	2X2 gigabit MagJack®	08332X2R54-F	TOL.	IN INCH	UNIT : INCH [mm]	REV. : C
DRAWN BY	DATE	0833-2X2R-54-F	FILE NAME	.XX		SCALE: N/A	SIZE : A4
NIXAIL NAIX	08-31-10	PATENTED	08332X2R54-F_C.DWG	.XXX	±0.004	-	PAGE: 6

