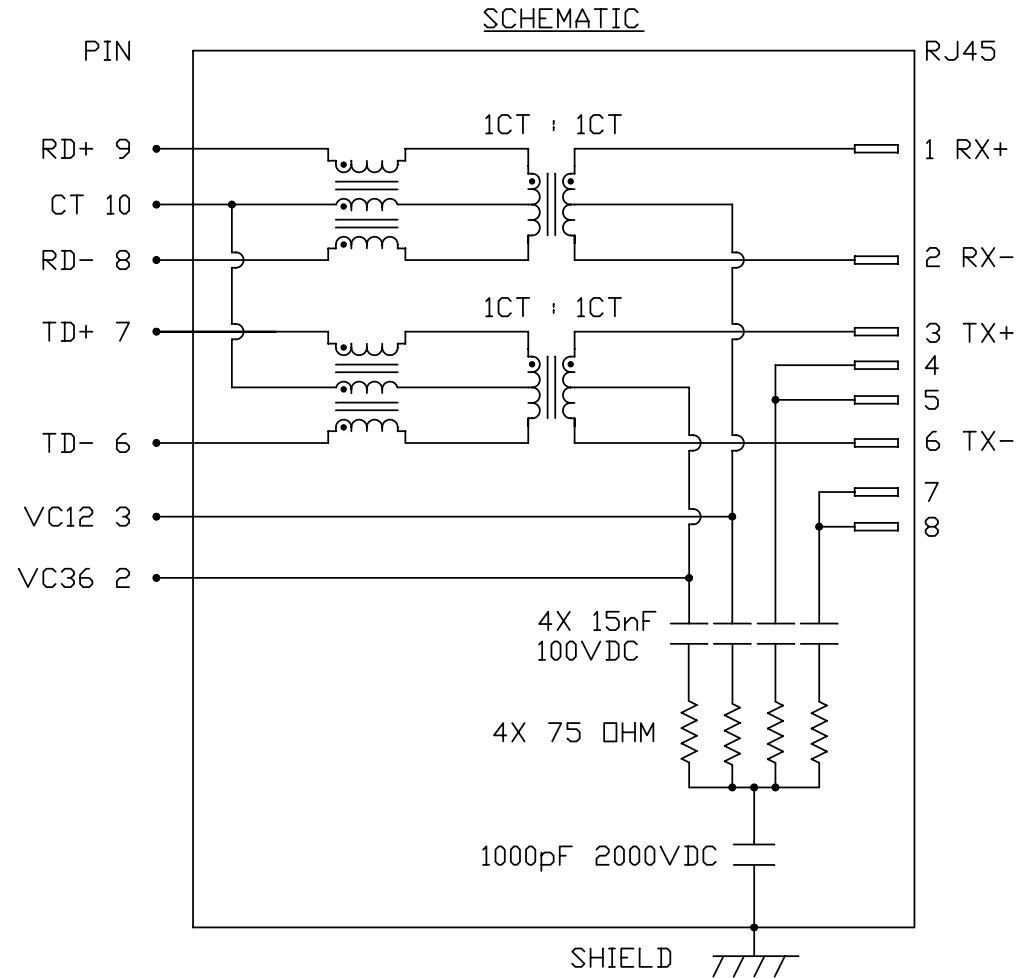




ELECTRICAL CHARACTERISTICS @ 25°C

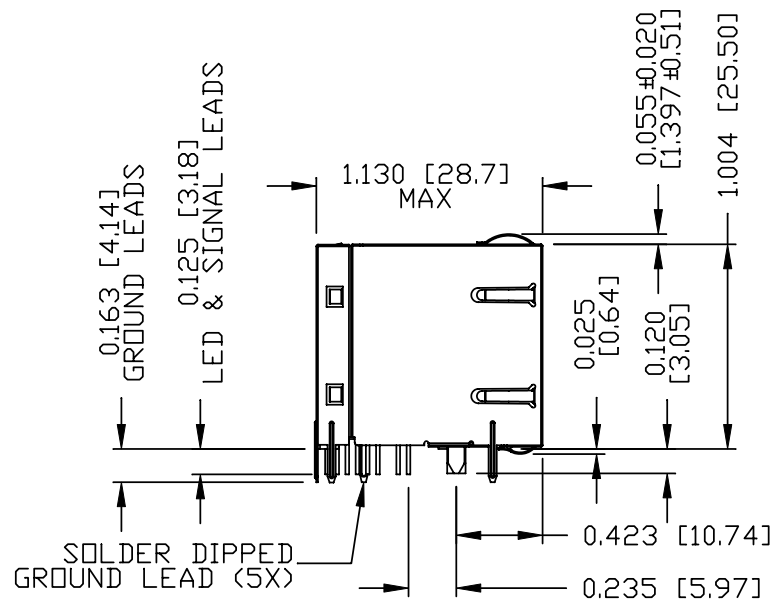
URNS RATIO	1CT : 1CT ±2%
QCL @ 0.1V, 100KHz 8mA DC BIAS	350μH MIN.
INSERTION LOSS 100KHz TO 100MHz	-1.5 dB MAX.
RETURN LOSS (MIN.) 2MHz-30MHz	-16 dB MIN.
60MHz-80MHz	-10 dB MIN.
LEAKAGE INDUCTANCE PRIMARY W/ SECONDARY SHORTED	0.25 uH MAX. @ 1MHz
D.C. RESISTANCE (9-8)=(7-6)	1.4 OHM.
(RJ1-RJ2)=(RJ3-RJ6)	1.0 OHM.
INTERWINDING CAPACITANCE PER CHANNEL (PRI. to SEC.)	40 pF MAX.
XTALK 100KHz TO 100MHz	-30 dB MIN.
HIPOT (Isolation Voltage): 100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS.	2250 VDC
OPERATING TEMPERATURE:	-40 TO 85 °C



ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	
CHOW WANCHUNG	2012-08-17	2X2 MagJack® (VIOIP WITH EXT TEMPERATURE)	08332X2RAS-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : B
DRAWN BY	DATE	0833-2X2R-AS-F PATENTED	FILE NAME	.X	SCALE : N/A	SIZE : A4
TAN QIGUANG	2012-08-17		08332X2RAS-F_B.DWG	.XX		PAGE : 2
				.XXX		

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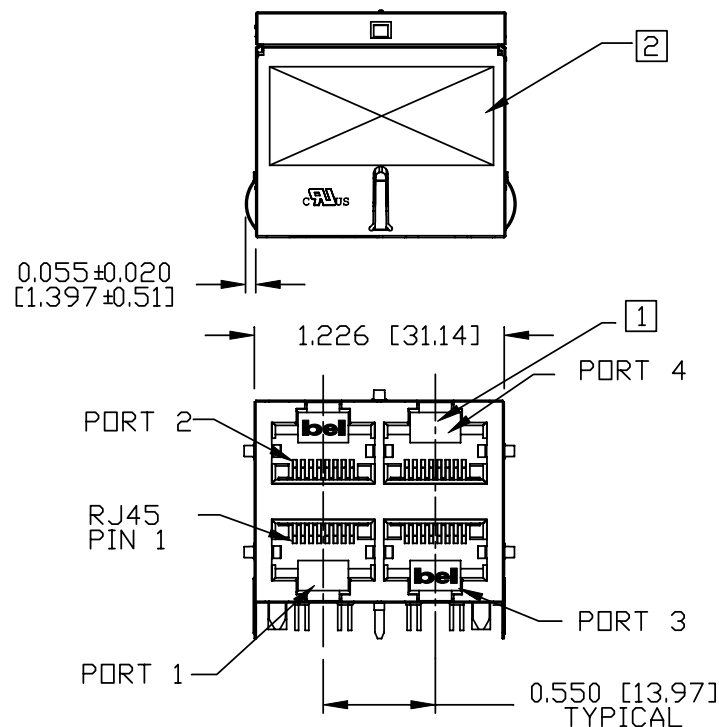
RoHS



NOTES:

- PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
- CONTACT PLATING: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.
- OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
- METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)

- JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.
 - MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, DATE CODE AND PATENTED.
 - THE PRODUCT IS RoHS COMPLIANT.
- cULusUL RECOGNIZED - FILE #E196366 AND E169987.



- 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 2X2 MagJack® (VIOIP WITH EXT TEMPERATURE) 0833-2X2R-AS-F PATENTED	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
ANTON LIAO	2012-08-17		08332X2RAS-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : B
DRAWN BY	DATE		FILE NAME	.X		SCALE : N/A	SIZE : A4
HE ZHEN	2012-08-17		08332X2RAS-F_B.DWG	.XX			PAGE : 3
			.XXX	±0.010			

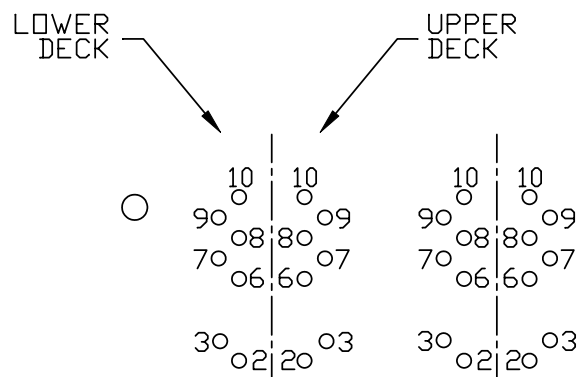


COMPONENTS FOR A
CONNECTED
PLANET



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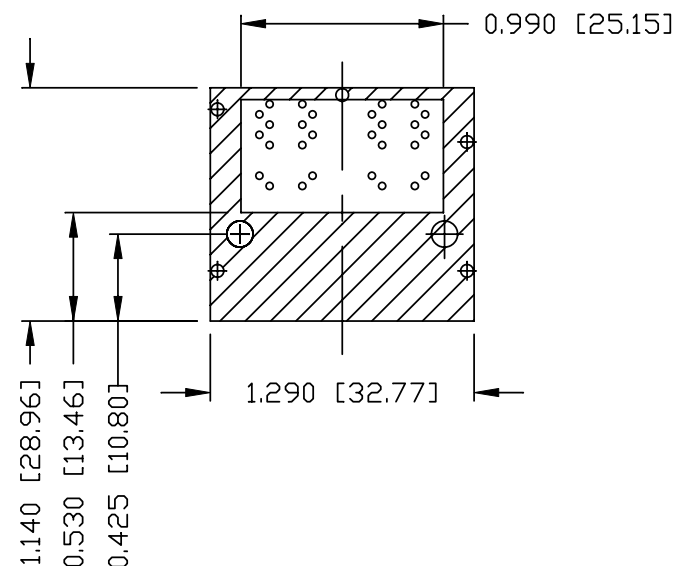
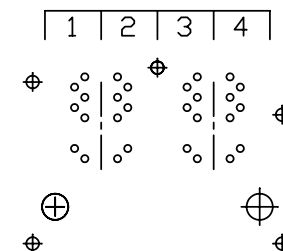


PIN-OUT INFORMATION
(COMPONENT SIDE VIEW)

10	COMMON CT
9	RD+
8	RD-
7	TD+
6	TD-
5	NO PIN
4	NO PIN
3	VC12
2	VC36
1	NO PIN

UNUSED PIN LOCATIONS MUST BE REMOVED TO ENSURE 2KV ISOLATION.

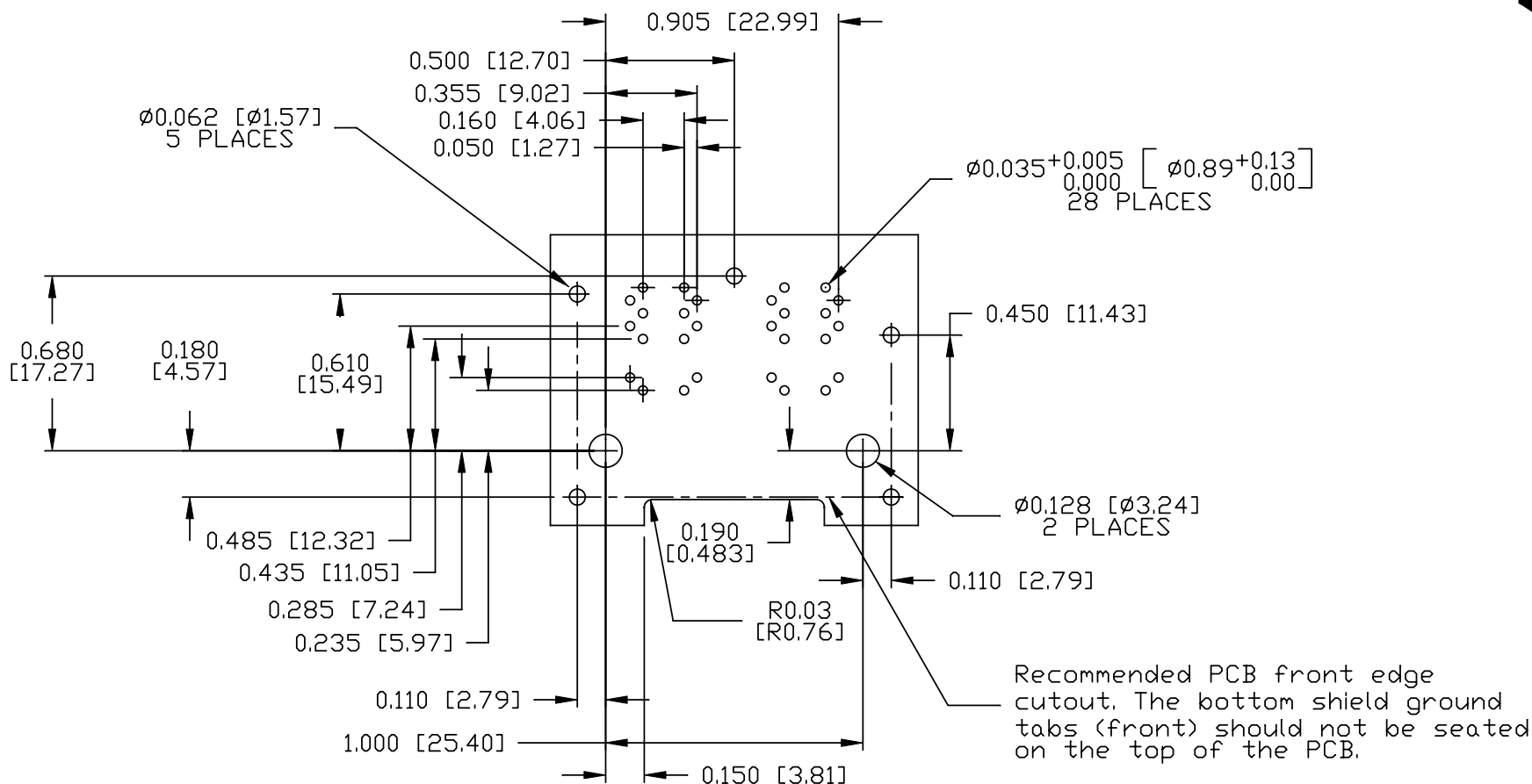
PORT ASSIGNMENT
(COMPONENT SIDE VIEW)



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

ORIGINATED BY ANTON LIAO	DATE 2012-08-17	TITLE 2X2 MagJack® (VIOIP WITH EXT TEMPERATURE) 0833-2X2R-AS-F PATENTED	PART NO. / DRAWING NO. 08332X2RAS-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE	
				.X		UNIT : INCH [mm]	REV. : B
DRAWN BY HE ZHEN	DATE 2012-08-17		FILE NAME 08332X2RAS-F_B.DWG	.XX		SCALE : N/A	SIZE : A4
				.XXX	±0.004		PAGE : 4





SUGGESTED FOOTPRINT
(COMPONENT SIDE VIEW)

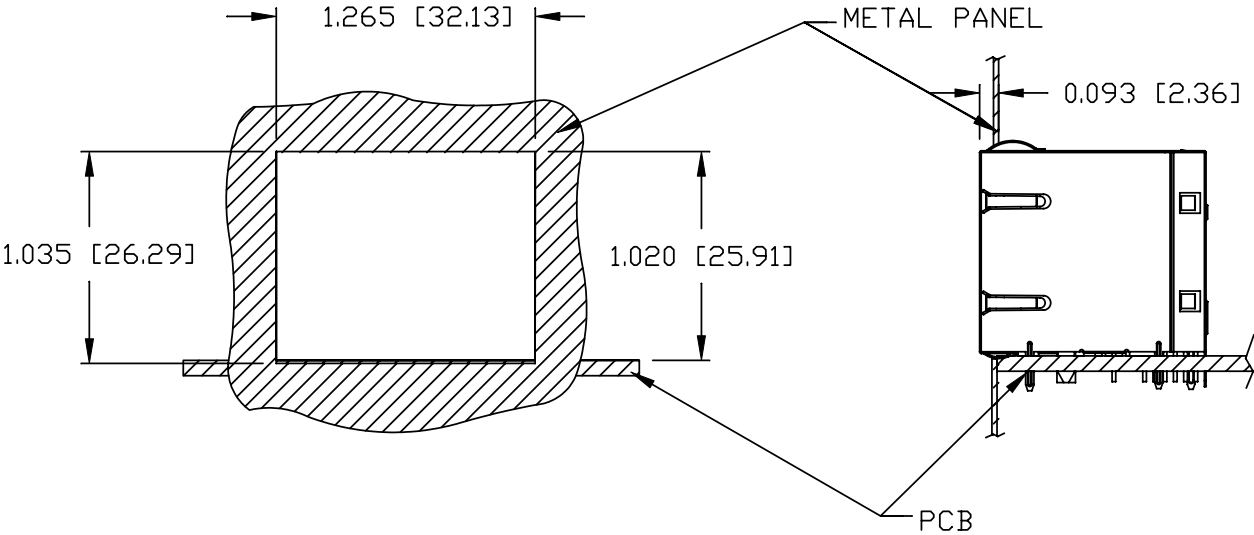
ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REFERENCE	
ANTON LIAO	2012-08-17	2X2 MagJack® (VIOP WITH EXT TEMPERATURE) 0833-2X2R-AS-F PATENTED	08332X2RAS-F	TOL. IN INCH	UNIT : INCH [mm]	REV. : B
DRAWN BY	DATE			.X	SCALE : N/A	SIZE : A4
HE ZHEN	2012-08-17			.XX		PAGE : 5
				.XXX		

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SUGGESTED PANEL OPENING



NOTE:

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.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE	
				TOL. IN INCH		UNIT : INCH [mm]	REV. : B
ANTON LIAO	2012-08-17	2X2 MagJack® (VIOIP WITH EXT TEMPERATURE) 0833-2X2R-AS-F PATENTED	08332X2RAS-F	.X		SCALE : N/A	SIZE : A4
DRAWN BY	DATE			.XX			PAGE : 6
HE ZHEN	2012-08-17			.XXX	±0.004		

