

|                        | NING US PATENTS:  |  |   |   |   | REVISIONS  |   |                        |               |           |
|------------------------|---|--|---|---|---|--|---|------------------------|---------------|-----------|
| 340817 71231<br>924130 | 1   1   |  |   | P LTR   |   | DESCRIPTION  |   | DATE                   | DWN           | APVD      |
|                        |   |  |   |   | INITIAL RELE  |  |   | 27AUG2015<br>09MAR2016 | TRY<br>TRY    | TYY<br>TY |
|                        |   |  |   | 3   | SEE LAST SHE  |  |   | 15JUN2016              | TRY           | ΤY        |
|                        |   |  |   |   |   |  |   |                        |               |           |
|                        | SHIE  | SING: THE<br>ELD: STA<br>POS<br>FACT: PHO<br>WIT<br>SEL<br>DER TAIL(   | INLESS ST<br>T DIPPED<br>SPHOR BRC<br>H I.27µm<br>ECTIVE I.   | WITH 2.54μm<br>)NZE, 0.46mm)<br>MIN OVERALL<br>27μm MIN GOI<br>GIGNAL): Ø0. | THICK,PREPL,<br>MIN SAC SOL<br>(0.30mm<br>NICKEL UNDE<br>_D PLATING A   | ATED WITH MI<br>DER AT GROUN<br>RPLATE AND<br>T MATING INT   | Ν Ο.76μm SEM<br>ID PINS.  |                        | T NIC         | KEL       |
|                        | - A P F<br>- I M F<br>- T U F<br>- O P E<br>8 m A<br>I 9 n<br>- A L L<br>- P o E<br>- P E F<br>T )<br>- I S C | PEDANCE:<br>RNS RATIO<br>EN CIRCUI<br>A DC BIAS<br>A DC BIA<br>FOUR PA<br>CURRENT<br>FORMANCE<br>AND RX<br>IM<br>40<br>DLATION V | 100 OHMS<br>(CHIP:CA<br>FROM - 40<br>S FROM - 40<br>S FROM - 40<br>S FROM - 41<br>C CA<br>S FROM - 41<br>S FROM - 41<br>C CA<br>S FROM - 40<br>C C C C C C<br>C C C C C C<br>C C C C C C C<br>C | RECTIONAL<br>MAX<br>OSS<br>OMHz<br>OMHz                                     | L FOUR PAIR:<br>ALL CHANNELS<br>120uh MIN @<br>ALL FOUR PA  | S<br>250uH MIN @<br>DOOKHz, O.I<br>AIRS.<br>-20 dB MAX<br>-20+151og1   | 9100kHz, 0.1V<br>VRMS,  | B MAX.                 |               |           |
| Ļ                      | LEC<br>LEC<br>25 R<br>26 TF   | DS ARE DR<br>D COLOR:<br>J45 CAVIT<br>RP CONNEC  | IVEN WITH<br>DOMINANT<br>FORWARD<br>DOMINANT<br>FORWARD<br>DOMINANT<br>FORWARD<br>Y CONFORM   | VOLTAGE (VF:<br>IS TO FCC RUL<br>PART NUMBEF                                | JRRENT AT API<br>(λ D): GREEN<br>): GREEN 2.2'<br>(λ D): YELLC<br>): YELLOW 2.<br>(λ D): ORANG<br>): ORANGE 2.<br>LES AND REGUI | PROX 20mA.<br>N 567nm TYP.<br>V TYP. at IF<br>DW 587nm TYP<br>IV TYP. at I<br>GE 605 nm TYI<br>IV TYP @ IF=<br>LATION PART<br>, COUNTRY OF | =20mA<br>. at IF=20mA<br>F=20mA<br>P @ IF=20 mA<br>20 mA<br>68 SUBPART F<br>ORIGIN, |                        |               |           |
| L<br>T                 | " \   | (Y" IS YE  | AR, "WW"  | IS WORK WEEP  | (, "D" IS DA'   | Y OF WEEK, W   | DATE CODE:<br>/ITH SUNDAY=I   |                        |               |           |
| 1                      | 7. PAF<br>SOL   | RT SHOULD<br>DERING T  | BE RECOM<br>Emperatur   | MENDED FOR W<br>Reis 260°C,   | VAVE SOLDERII<br>10 SECOND MA   | NG PROCESS,<br>AX.   | PEAK WAVE   |                        |               |           |
|                        |   | EDS AND L<br>THERWISE  |   | S ARE OPTION  | NAL, 2250331  | -I OR 225033   | I-5 SHOWN UN  | LESS                   |               |           |
|                        |   |  | 2.24  | YELLOW<br>-   | GREEN<br>-  | YELLOW<br>-  | GREEN<br>-  | 2250                   |               |           |
|                        |   |  | 3.18  | YELLOW  | GREEN   | YELLOW   | GREEN   | 2250                   | 331-          | 5         |
|                        |   |  | 3.18  | ORANGE  | GREEN   | -  | -   | 2250                   | 331-          | 4         |
|                        |   |  | 2.24  | -   | GREEN   | -  | GREEN   | 2250                   | 33   -        | 3         |
|                        |   |  | 3.18  | -   | -   | -  | -   | 2250                   | 33 -          | 2         |
|                        |   |  | 3.18  | ORANGE  | GREEN   | -  | YEIIOW  | 2250                   | 331-          |           |
|                        |   |  | DIM A   | 20 19   |   |  |   | P A R T                | NUMB          | ER        |
|                        | THIS DRAWING IS A<br>AND COMPLIANT<br>DIMENSIONS:   | TO ASME Y  |   | CHK 2<br>BILL LIU<br>APVD 2   | D 2 <u>/8</u><br>7AUG2015<br><u>NIA WANG</u><br>7AUG2015<br>7AUG2015  |  |   | TOR                    | DONGG<br>CHII |           |
|                        | mm  | 0 PLC<br>1 PLC   | ±-<br>±0.25<br>±0.25  | TONY YUAN<br>MODEL NAME   | DESC  | •••••••••••••••••••••••••••••••••••••  | <b>group</b><br>IET 2.5GIGA<br>B UP, W/ LE  | BIT 4P                 | PoE           |           |
|                        |   | 3 PLC  | ±0.25<br>±0.25<br>±-  | MAGJA   |   | CAGE CODE DRAWING  |   |                        | RESTRIC       |           |

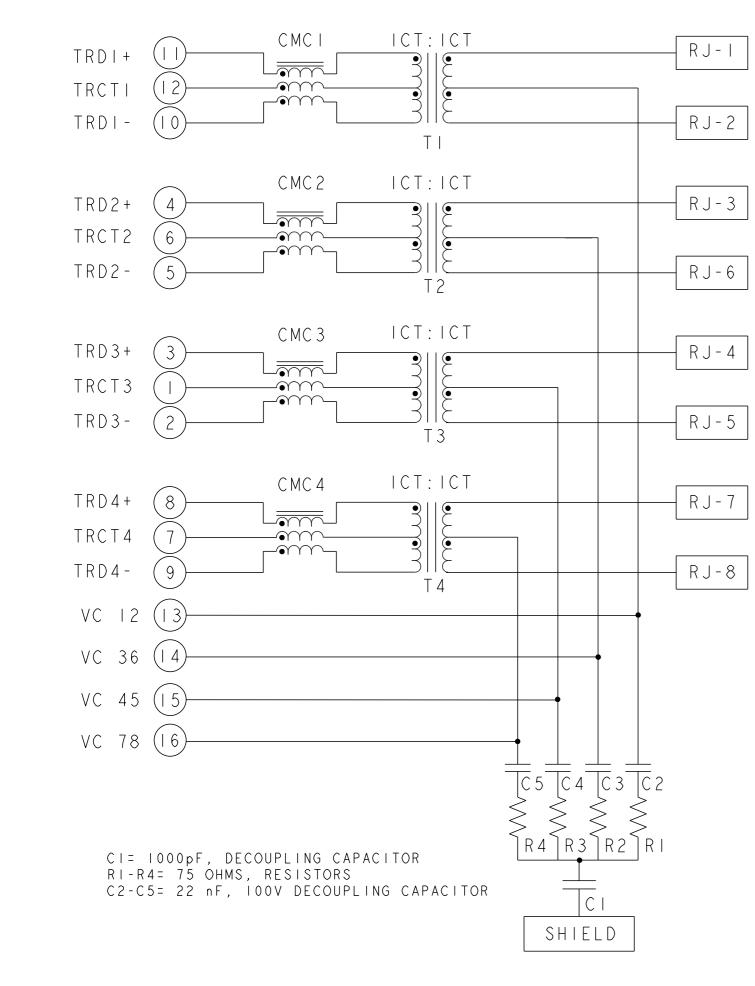
D

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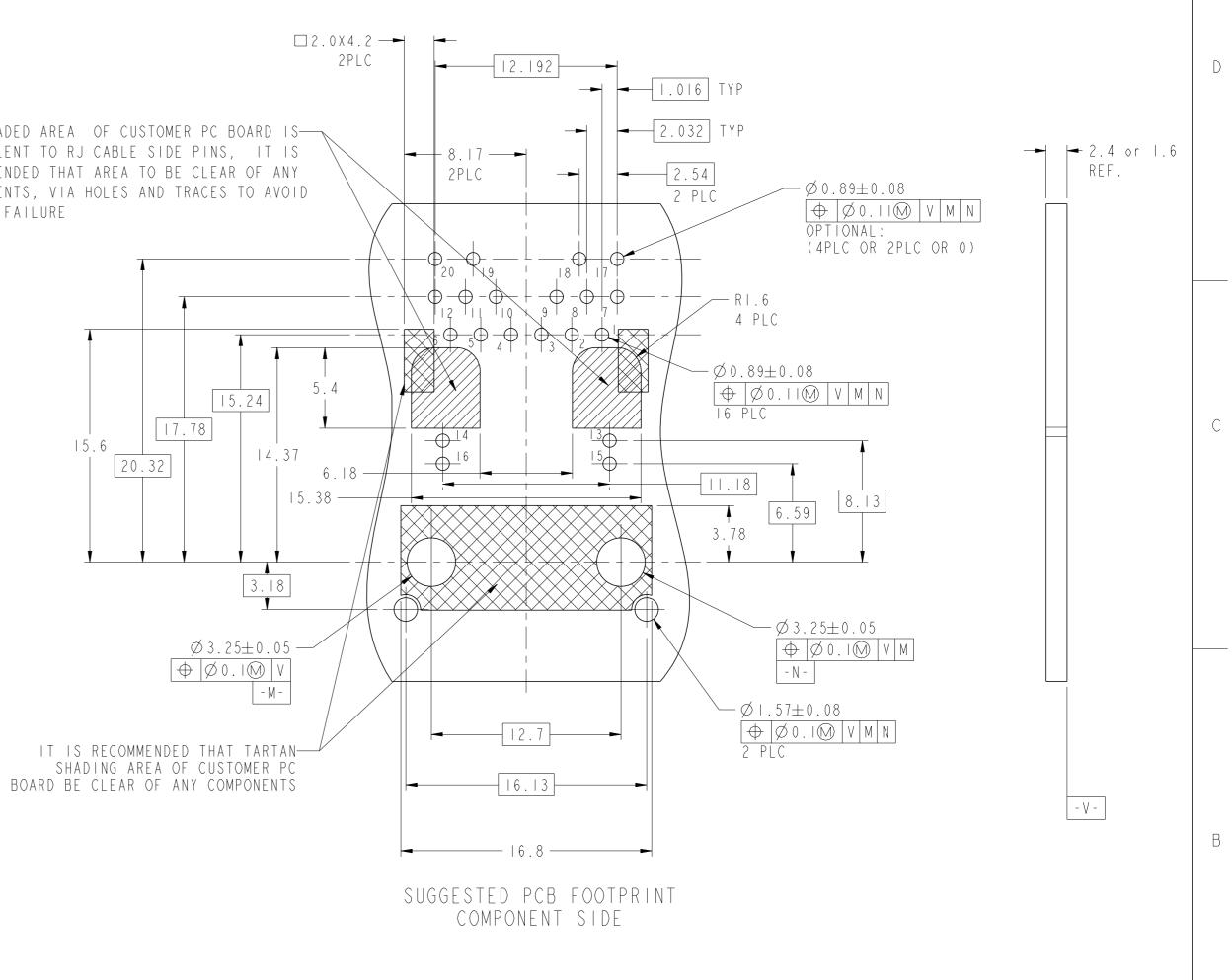
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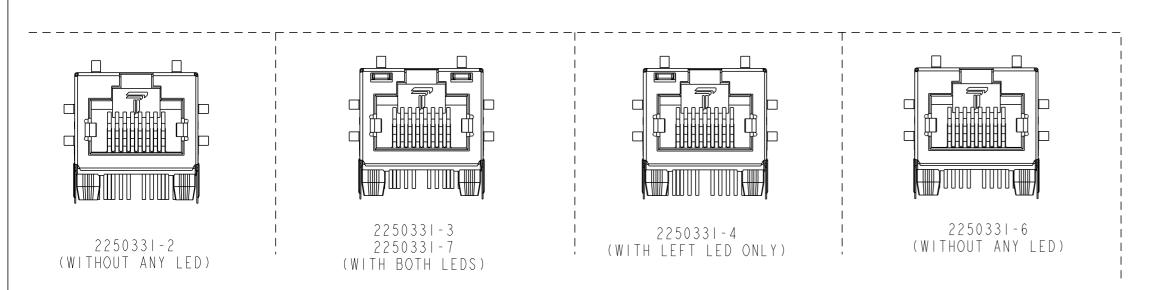
## 7VQTOIET 2.5GIGABIT 4PPOE CIRCUIT 🖄



THE SHADED AREA OF CUSTOMER PC BOARD IS-EQUIVALENT TO RJ CABLE SIDE PINS, IT IS RECOMMENDED THAT AREA TO BE CLEAR OF ANY COMPONENTS, VIA HOLES AND TRACES TO AVOID HI-POT FAILURE



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| AND COMPLIANT | CONTROLLED DOCUMENT.<br>TO ASME Y14.5M                | DWN 27AUG2015<br>TOWER YU / XENIA WANG<br>снк 27AUG2015<br>BILL LIU |   | DONGGUAN      |
|---------------|---|---|---|---------------|
| DIMENSIONS:   | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:             | APVD 27AUG2015<br>TONY YUAN   | a bel group                                     | CHINA         |
|               | 0 PLC ±-<br>1 PLC ±0.25<br>2 PLC ±0.25<br>3 PLC ±0.25 | MAGJACK   | DESC IXI 7VQTOIET 2.5GIGABIT<br>TAB UP, W/ LEDS | 4 P P o E     |
| PRODUCT SPEC  | 4 PLC ±-<br>ANGLES ±-<br>APPLICATION SPEC             | SINGLE 4PPOE  | A 2 CAGE CODE DRAWING NO                        | RESTRICTED TO |
| -             | -   | CUSTOME   | R DRAWING SCALE NTS SHEET                       | OF 3 REV 3    |

| IGHT TRP connector ALL | _ RIGHTS RESERVED |   |                     |           |   |                                  |                                   |                            |
|------------------------|-------------------|---|---------------------|-----------|---|----------------------------------|-----------------------------------|----------------------------|
|                        |                   |   |                     |           |   |                                  |                                   |                            |
|                        |                   |   |                     |           |   |                                  |                                   |                            |
|                        |                   |   |                     |           |   |                                  |                                   |                            |
|                        |                   |   |                     |           |   |                                  |                                   |                            |
|                        |                   | 225033I_C                               |                     |           | STOCK                                   |                                  |                                   |                            |
|                        |                   |   |                     |           | A:CONTINUE AS IS<br>B:REWORK<br>C:SCRAP | 5                                | D:USE OLD<br>E:PARTS T<br>F:OTHER |                            |
|                        |                   | REVISION HISTORY                        |                     |           |   |                                  |                                   |                            |
| DATE                   | REV               | CHANGE                                  | REASON              | APPROVAL  |   | WORK<br>PROCESS<br>, B , C , D ) | SUPPLIER<br>ORDERS<br>(A,E,F)     | OPEN CU<br>ORDER<br>(A,E,F |
| 27AUG2015              |                   | _                                       | INITIAL RELEASE     | TONY YUAN | -                                       | -                                | _                                 | _                          |
| 09MAR2016              | 2 SHEET           | 2, D2: ADD SHADE AREA ON CUSTOMER BOARD | PRODUCT IMPROVEMENT | TONY YUAN | -                                       | -                                | _                                 | _                          |
|                        |                   |   |                     | +         |   |                                  |                                   | +                          |

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|   | THIS DRAWING IS A C<br>AND COMPLIANT | CONTROLLED DOCUMENT.<br>TO ASME Y14.5M                | DWN 27AUG2015<br>TOWER YU / XENIA WANG<br>CHK 27AUG2015 |   | DONGGUAN           |
|---|--------------------------------------|---|---|---|--------------------|
|   | dimensions:<br>MM                    | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:             | BILL LIU<br>APVD 27AUG2015<br>TONY YUAN                 |   | CHINA              |
|   |                                      | 0 PLC ±-<br>1 PLC ±0.25<br>2 PLC ±0.25<br>3 PLC ±0.25 | MODEL NAME<br>MAGJACK                                   | DESC IXI 7VQTOIET 2.5GIGABIT<br>TAB UP, W/ LEDS | 4PP0E              |
| F | PRODUCT SPEC                         | 4 PLC ±-<br>ANGLES ±-<br>APPLICATION SPEC             | SINGLE 4PPOE  | A 2 CAGE CODE DRAWING NO                        | RESTRICTED TO<br>- |
|   | -                                    | -   | CUSTOME   | R DRAWING SCALE NTS SHEET                       | B OF B REV 3       |

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