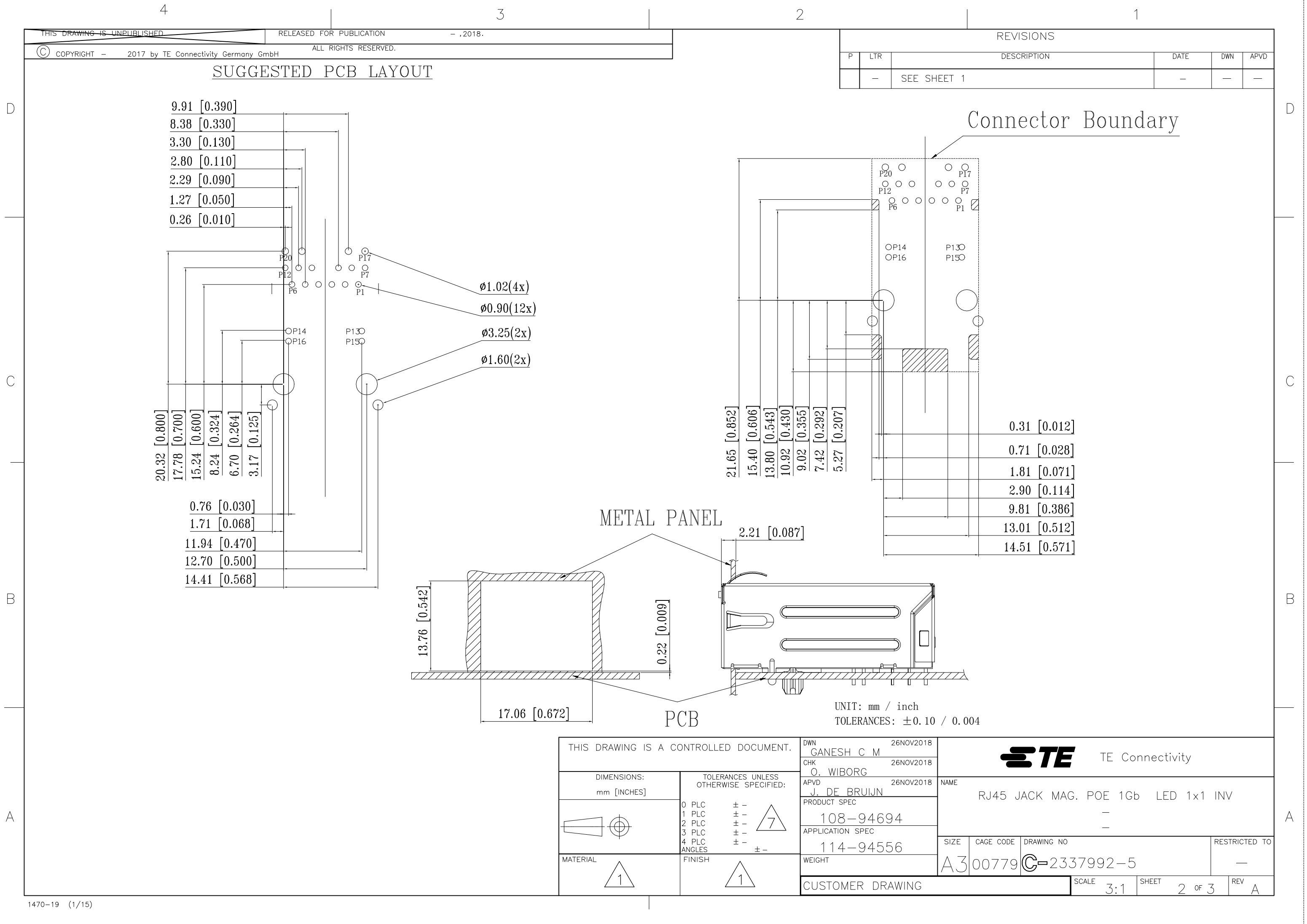
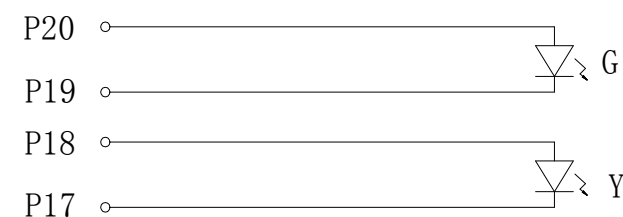








|     |        |     |       |
|-----|--------|-----|-------|
| Pin | Yellow | Pin | Green |
| P17 | —      | P19 | —     |
| P18 | +      | P20 | +     |

- |     |                                     |                                     |
|-----|-------------------------------------|-------------------------------------|
| 1.0 | Turn Ratio @100kHz:                 | (P11~P10):(J1~J2) = 1:1±2%          |
|     |                                     | (P4~P5):(J3~J6) = 1:1±2%            |
|     |                                     | (P3~P2):(J4~J5) = 1:1±2%            |
|     |                                     | (P8~P9):(J7~J8) = 1:1±2%            |
| 2.0 | Primary Inductance:                 | 350μH MIN. @100kHz,0.1V 8mA DC BIAS |
| 3.0 | DC Resistance:                      | 1.2 OHMS MAX.                       |
| 4.0 | Insertion Loss:                     | 1-100MHz -1.0dB MAX.                |
|     |                                     | 100-125MHz -1.2dB MAX.              |
| 5.0 | Return Loss:                        | 1-40MHz -16dB MIN.                  |
|     |                                     | 40-60MHz -12dB MIN.                 |
|     |                                     | 60-80MHz -10dB MIN.                 |
|     |                                     | 80-100MHz -8dB MIN.                 |
| 6.0 | CROSS TALK:                         | 1-100MHz -27.1dB MIN.               |
| 7.0 | COMMON TO COMMON MODE ATTENUATION:  | 1-100MHz -30dB MIN                  |
| 8.0 | Isolation: PHY Side to Line Side:   | 2250VDC                             |
| 9.0 | DC CURRENT/VOLTAGE RATING-PSE PINS: | 720mA MAX. @57VDC (CONTINUOUS)      |



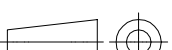
FCC

CONTROL CODE

DATE CODE  
"0213"

- YY-YEAR

- WW-WEEK

|                                                                                                   |  |                                                                                                 |  |                                                                                                       |                    |
|---------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                            |  | DWN<br>GANESH C M<br>26NOV2018                                                                  |  |  TE Connectivity |                    |
|                                                                                                   |  | CHK<br>O. WIBORG<br>26NOV2018                                                                   |  |                                                                                                       |                    |
| DIMENSIONS:<br>mm [INCHES]                                                                        |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                                       |  | NAME<br><br>RJ45 JACK MAG. POE 1Gb LED 1x1 INV                                                        |                    |
|              |  | 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± -<br>4 PLC ± -<br>ANGLES ± -                     |  |                                                                                                       |                    |
| MATERIAL<br> |  | FINISH<br> |  | PRODUCT SPEC<br>108-94694<br>APPLICATION SPEC<br>114-94556<br>WEIGHT<br>                              |                    |
| CUSTOMER DRAWING                                                                                  |  |                                                                                                 |  | SIZE<br>A3                                                                                            | CAGE CODE<br>00779 |
|                                                                                                   |  |                                                                                                 |  | DRAWING NO<br>C-2337992-5                                                                             | RESTRICTED<br>—    |
|                                                                                                   |  |                                                                                                 |  | SCALE<br>3:1                                                                                          | SHEET<br>3 OF 3    |
|                                                                                                   |  |                                                                                                 |  | REV<br>A                                                                                              |                    |

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