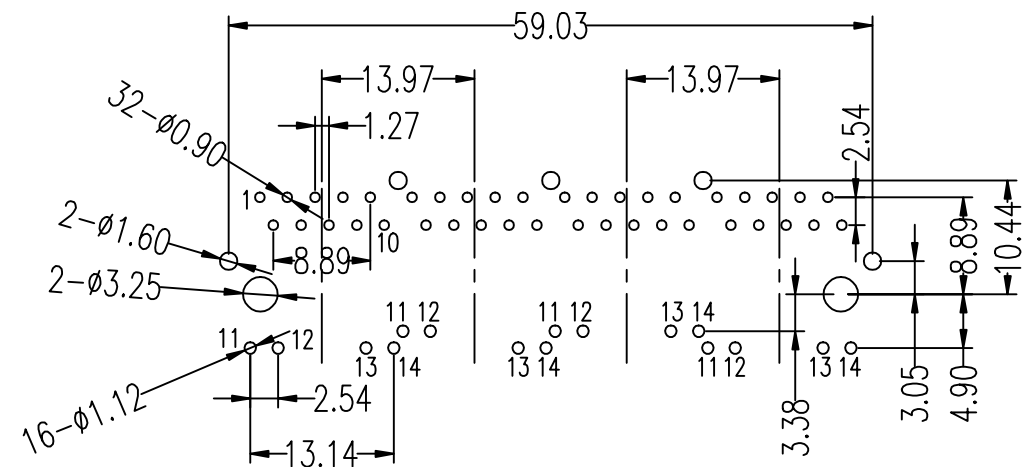
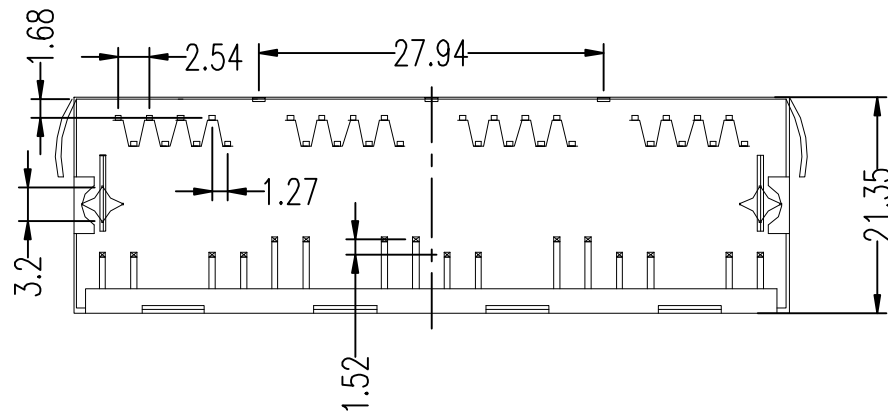
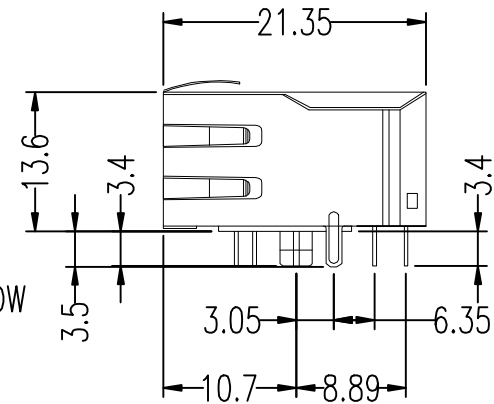
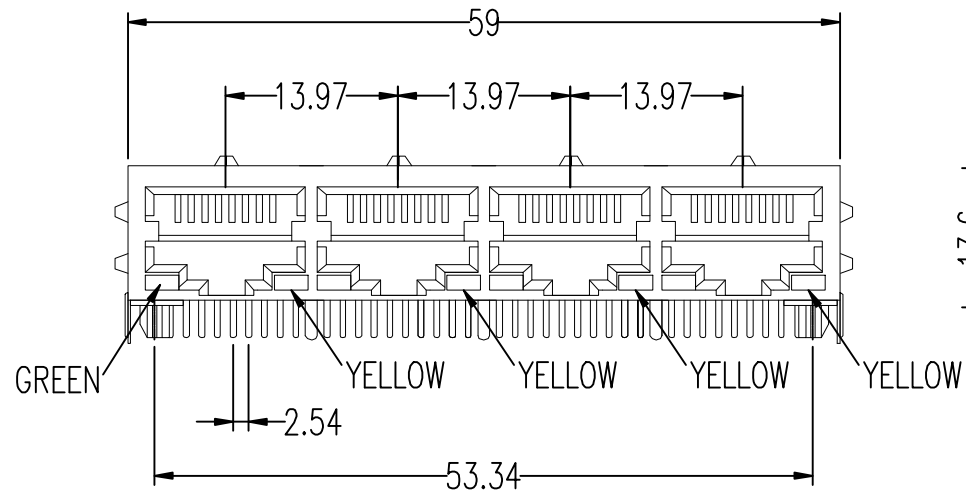
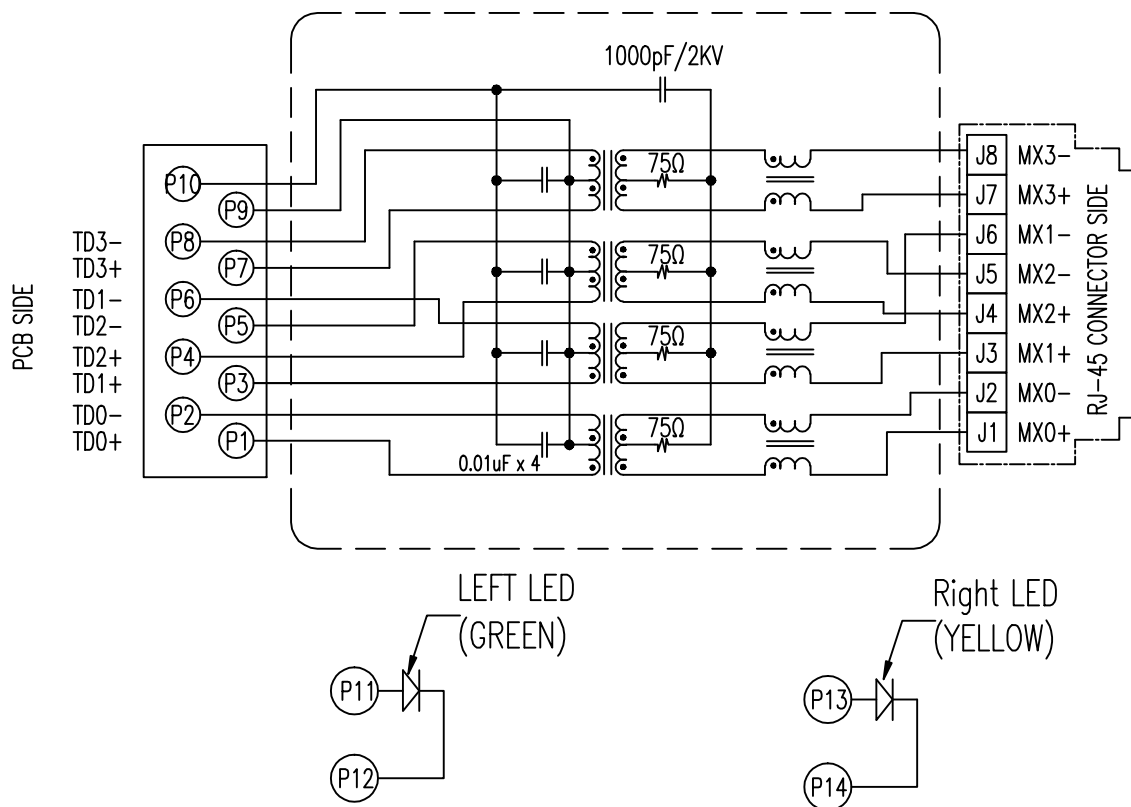




UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE  $\pm 0.25$

PCB SUGGEST PAD LAYOUT

|           |             |            |         |       |      |                                                                                       |  |                                                          |  |
|-----------|-------------|------------|---------|-------|------|---------------------------------------------------------------------------------------|--|----------------------------------------------------------|--|
|           |             |            |         |       |      |  |  | TITLE RJ45 1*4 1000 Base-T<br>With Magnetic + LED Module |  |
|           |             |            |         |       |      |                                                                                       |  | DWG. NO.<br>RJC-015R                                     |  |
|           |             |            |         |       |      |                                                                                       |  |                                                          |  |
|           | RELEASE     | 05/20/2010 | SHIRLEY | BETTY | KING | UNITS:<br>M/M                                                                         |  | SAFETY                                                   |  |
| NO:       | DESCRIPTION | DATE       | BY      | CHK   | APPD | DATE<br>05/20/2010                                                                    |  | P/N:                                                     |  |
| REVISIONS |             |            |         |       |      | 05/20/2010                                                                            |  | DRAW<br>SHIRLEY                                          |  |
|           |             |            |         |       |      |                                                                                       |  | SHEET 1 OF 2                                             |  |



### ELECTRICAL CHARACTERISTICS :

1. TURNS RATIO : 1CT : 1  $\pm$  5%.
2. HI-POT : 1500 Vrms.
3. OCL (@100KHz/0.1Vrms, WITH 8MA DC BIAS) : 350uH MIN.
4. INSERTION LOSS (@0.1-100MHz) = -1.1 dB MAX.
5. RETURN LOSS : 1~40MHz = -18dB MIN.  
60MHz = -14.5dB MIN  
80MHz = -12dB MIN.  
100MHz = -10 dB MIN.
6. CROSS TALK (@1-100MHz) : -30dB TYP.
7. CMR (@1-100MHz) : -40dB TYP.
8. RoHS COMPLIANT

|           |             |            |         |       |      |                                                                                       |        |                                                         |                 |
|-----------|-------------|------------|---------|-------|------|---------------------------------------------------------------------------------------|--------|---------------------------------------------------------|-----------------|
|           |             |            |         |       |      |  |        | TITLE RJ45 1*4 1000 Base-<br>With Magnetic + LED Module |                 |
|           |             |            |         |       |      |                                                                                       |        | DWG. NO.<br>RJC-015R                                    |                 |
|           |             |            |         |       |      |                                                                                       |        |                                                         |                 |
|           | RELEASE     | 05/20/2010 | SHIRLEY | BETTY | KING | UNITS:<br>M/M                                                                         | SAFETY |                                                         | SHEET 2 OF 2    |
| NO:       | DESCRIPTION | DATE       | BY      | CHK   | APPD | DATE<br>05/20/2010                                                                    | P/N:   |                                                         | DRAW<br>SHIRLEY |
| REVISIONS |             |            |         |       |      |                                                                                       |        |                                                         |                 |