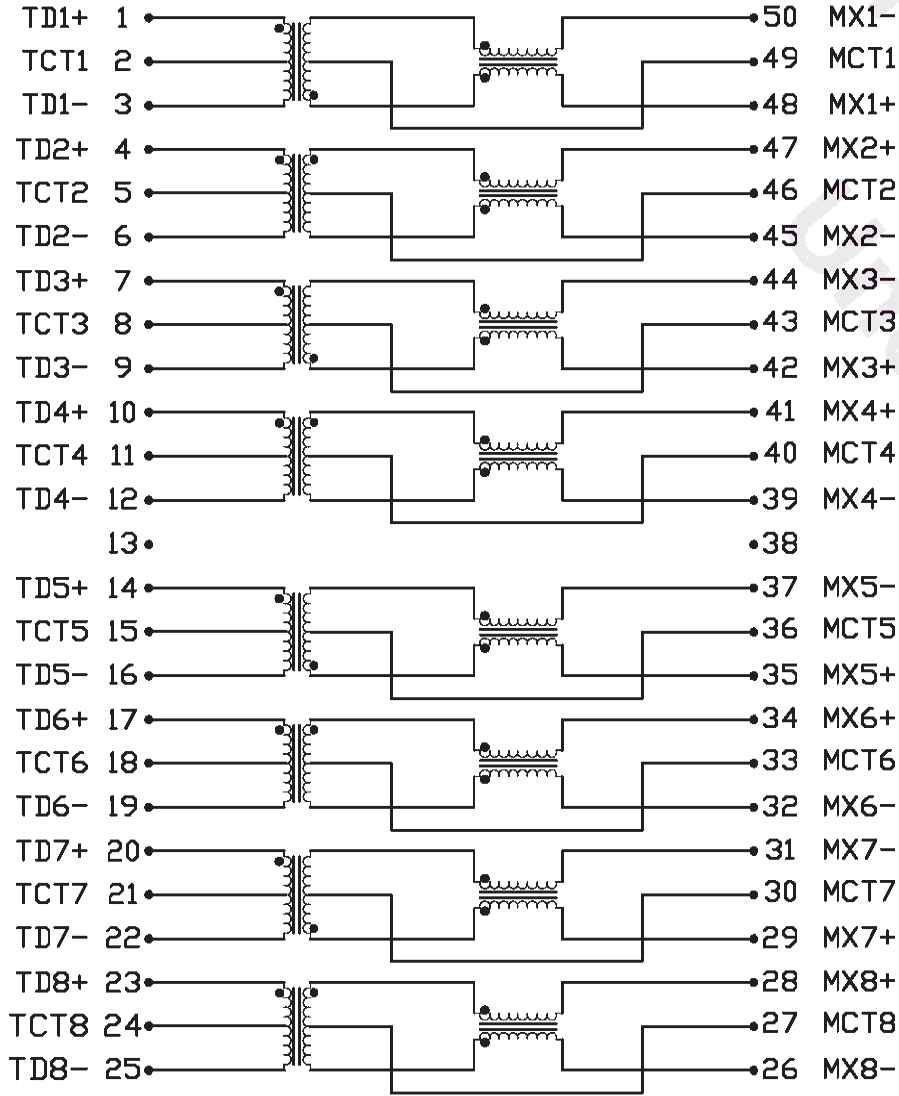


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SCHEMATIC



ELECTRICAL CHARACTERISTICS @ 25°C

Turns Ratio 1CT : 1CT

Polarity PER DOT CONVENTION

OCL 350µH MIN @100kHz, 100mV  
-40°C TO +85°C WITH 8mA DC BIAS  
PIN(1-3), (4-6), (7-9), (10-12)  
PIN(14-16), (17-19), (20-22), (23-25)

Insertion Loss 1.0dB MAX @1 TO 100MHz

Return Loss

| FREQ(MHz) | 1-30 | 40   | 50   | 60-80 | 100 |
|-----------|------|------|------|-------|-----|
| dB MIN    | 18   | 14.4 | 13.1 | 12    | 10  |

MEASURED UNDER 100Ω ENVIRONMENT

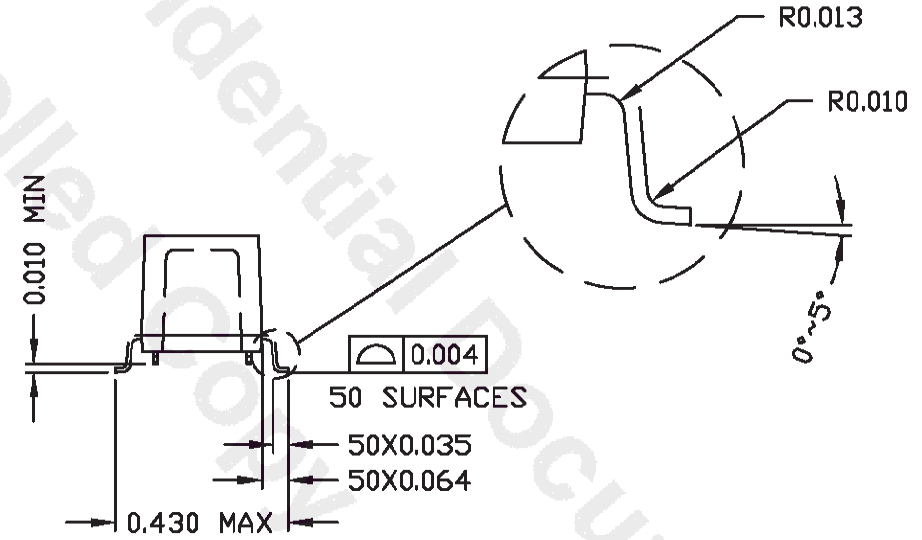
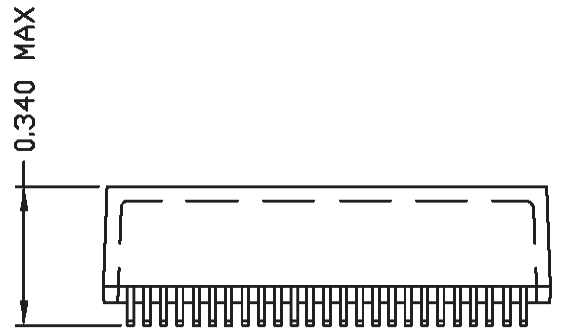
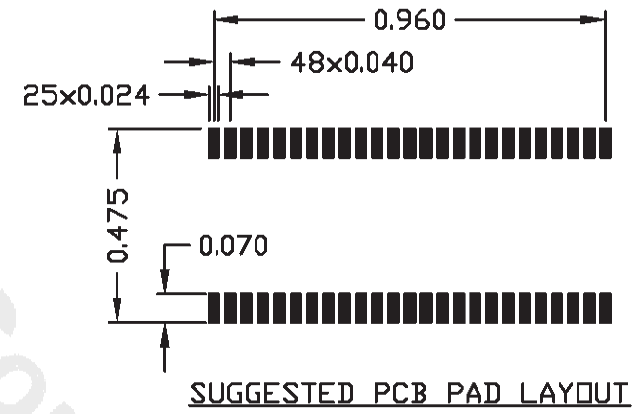
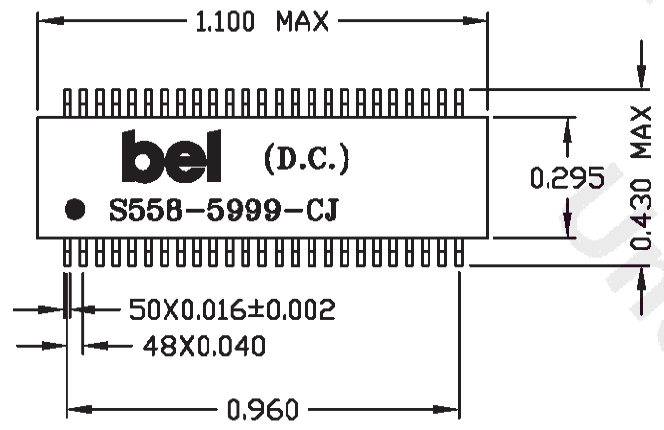
Differential to Common Mode Rejection 40dB MIN @30MHz  
35dB MIN @60MHz  
30dB MIN @100MHz

Crosstalk 40dB MIN @30MHz  
33dB MIN @60MHz  
28dB MIN @100MHz

HIPOT 1500Vrms

|               |  |            |       |                        |  |               |  |                         |  |                                                                                                                    |
|---------------|--|------------|-------|------------------------|--|---------------|--|-------------------------|--|--------------------------------------------------------------------------------------------------------------------|
| ORIGINATED BY |  | DATE       | TITLE | PART NO. / DRAWING NO. |  | STANDARD DIM. |  | [ ] METRIC DIM. AS REF. |  | <br>POWER   PROTECT   CONNECT |
| Alice Pang    |  | 2015-11-27 |       | S558-5999-CJ           |  | TOL. IN INCH  |  | UNIT : INCH [mm]        |  |                                                                                                                    |
| DRAWN BY      |  | DATE       |       | FILE NAME              |  | .X            |  | SCALE : N/A             |  |                                                                                                                    |
| ZC Guo        |  | 2015-11-27 |       | S5585999CJB.DWG        |  | .XX           |  | SIZE : A4               |  |                                                                                                                    |
|               |  |            |       |                        |  | .XXX          |  |                         |  |                                                                                                                    |
|               |  |            |       |                        |  |               |  |                         |  |                                                                                                                    |

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- NOTES:
- 1. STANDARD MARKING REFER TO DDC. HAND-WORK-04.
  - 2. PACKAGE CODE: "RUS001".

|                           |  |                                 |                        |  |                |  |                                                                                       |  |                                                                                                                    |
|---------------------------|--|---------------------------------|------------------------|--|----------------|--|---------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------|
| ORIGINATED BY      DATE   |  | TITLE<br><br>MECHANICAL OUTLINE | PART NO. / DRAWING NO. |  | STANDARD DIM.  |  | [ ] METRIC DIM. AS REF.                                                               |  | <br>POWER   PROTECT   CONNECT |
| Lawrence Tsang 2015-11-27 |  |                                 | S558-5999-CJ           |  | TOL. IN INCH   |  | UNIT : INCH [mm]                                                                      |  |                                                                                                                    |
| DRAWN BY      DATE        |  |                                 | FILE NAME              |  | .X             |  | SCALE :    N/A                                                                        |  |                                                                                                                    |
| ZC Guo      2015-11-27    |  |                                 | S5585999CJB.DWG        |  | .XX            |  | SIZE : A4                                                                             |  |                                                                                                                    |
|                           |  |                                 |                        |  | .XXX    ±0.005 |  |  |  |                                                                                                                    |

