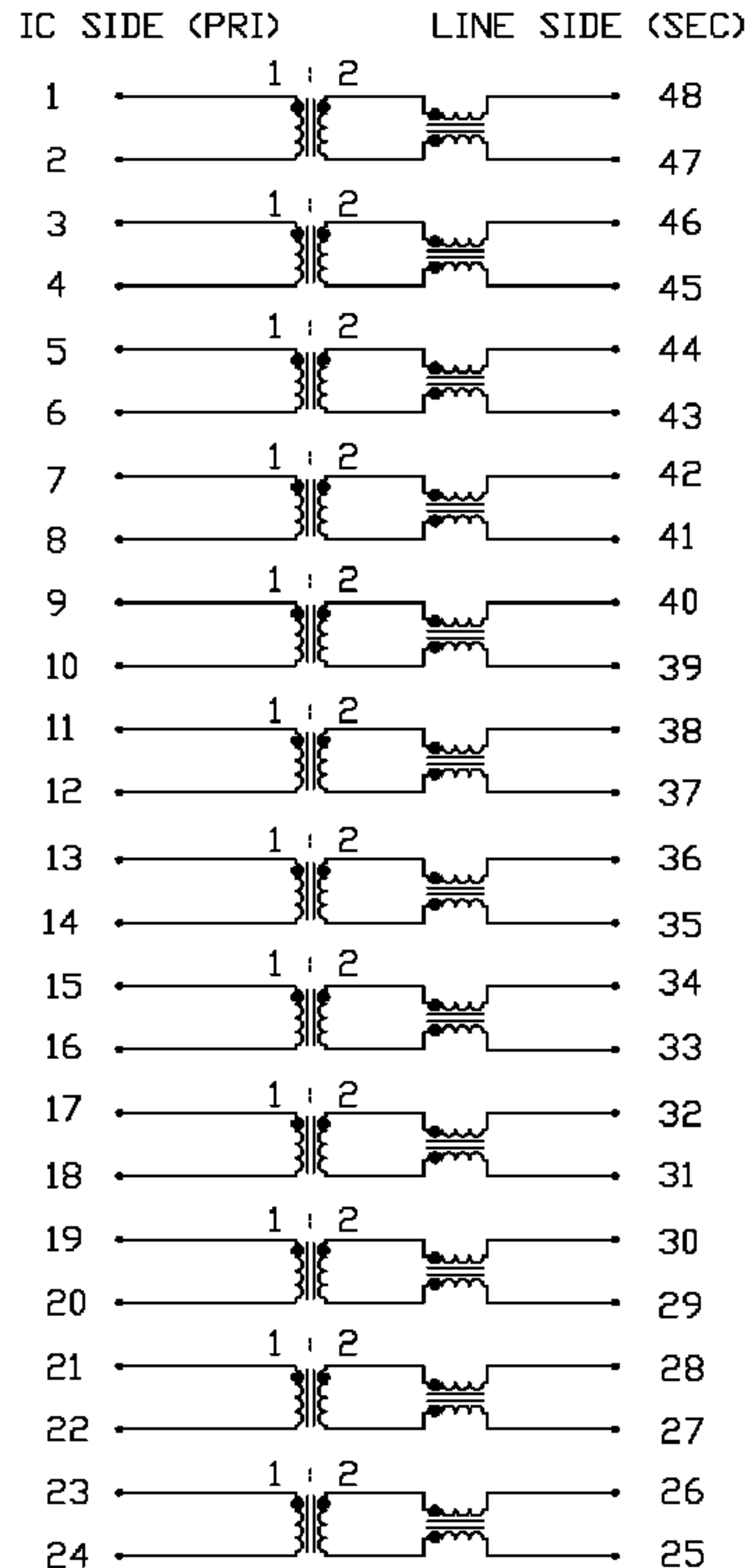


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SCHEMATIC



ELECTRICAL SPECIFICATIONS @25°C

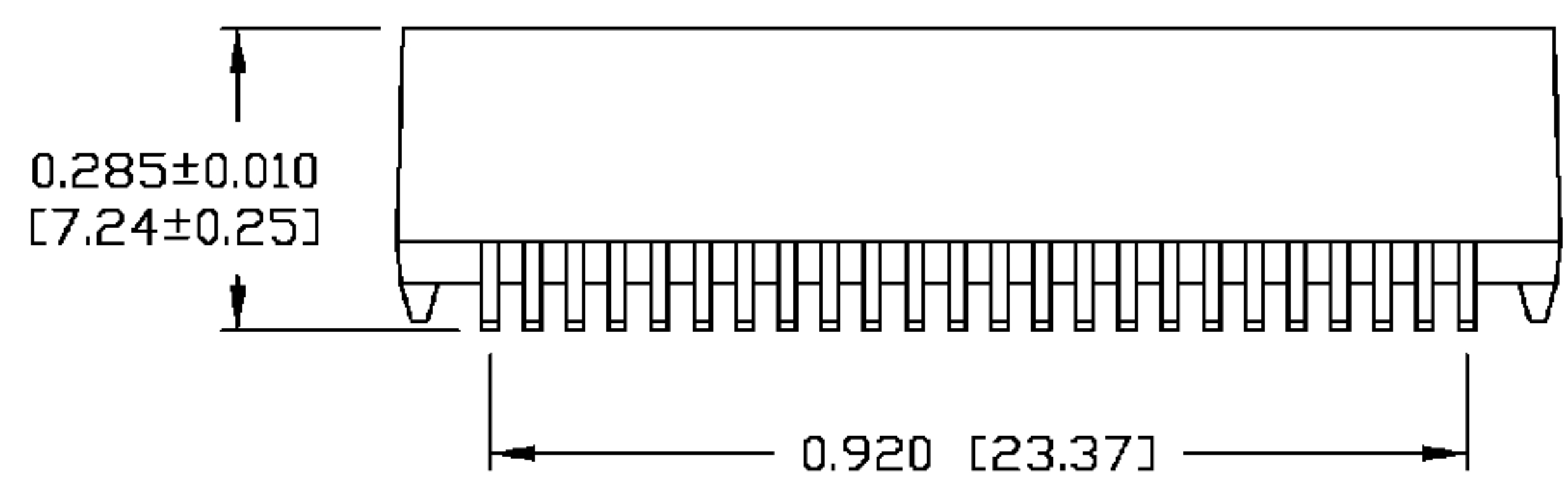
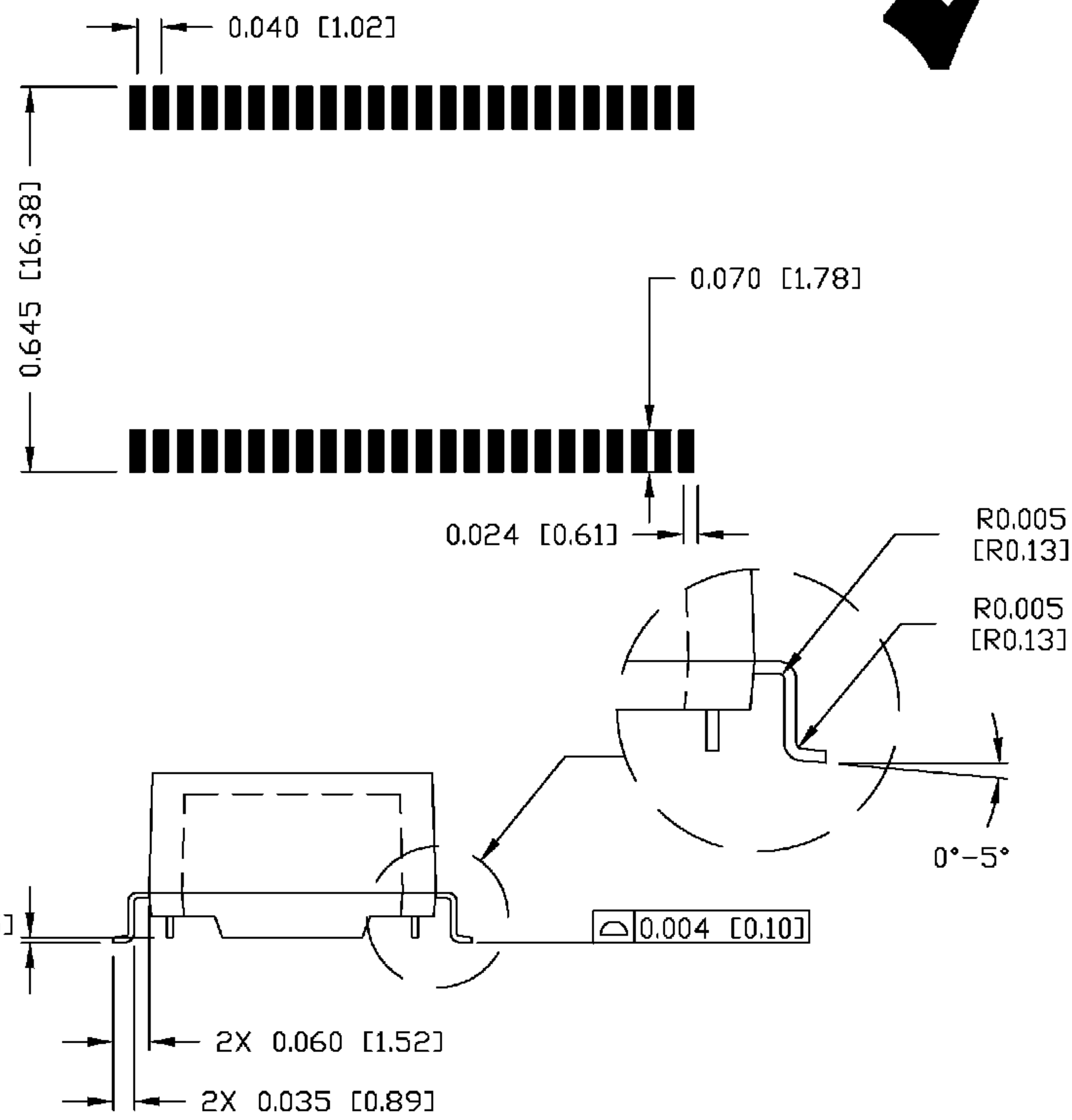
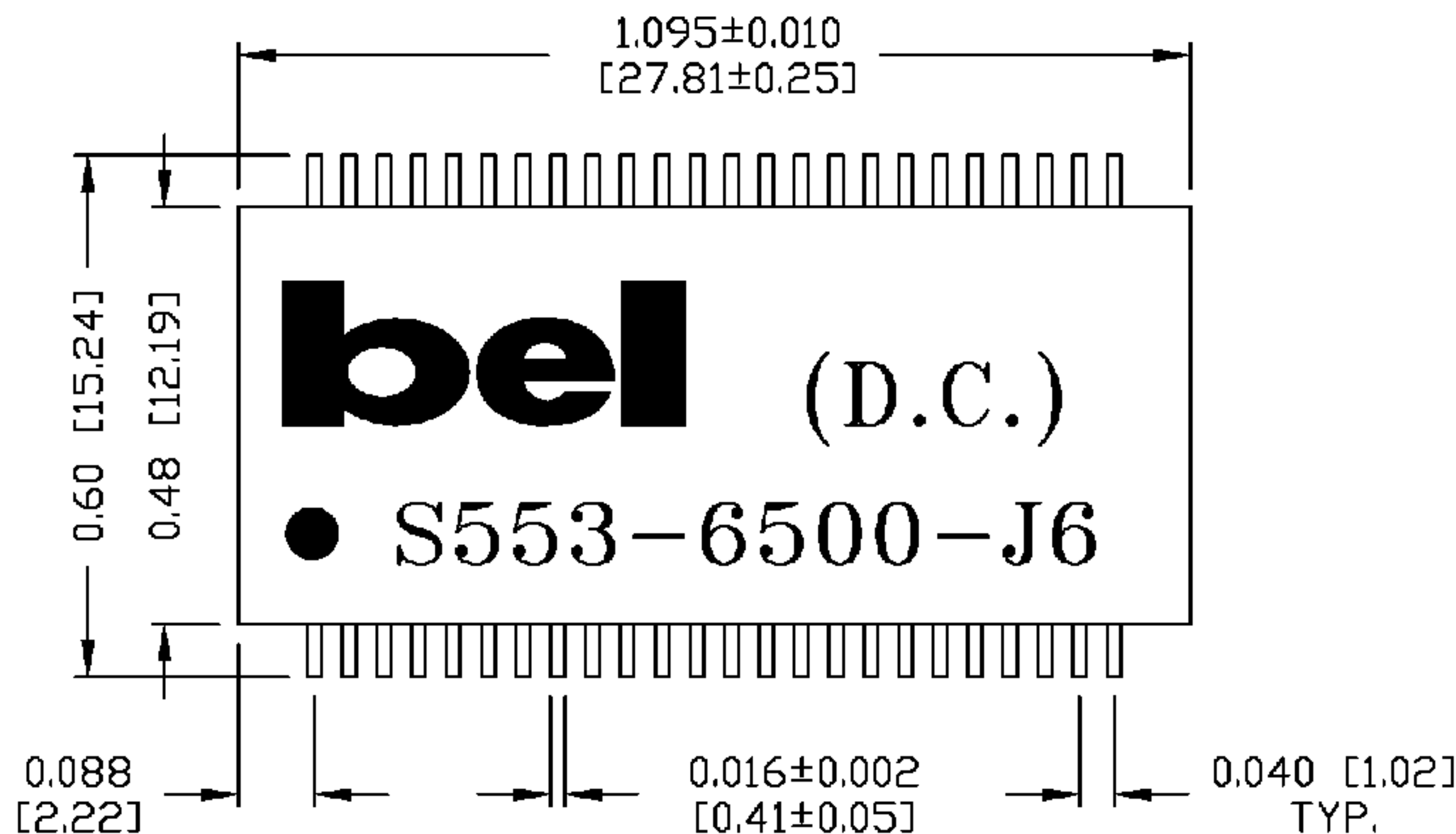
| | |
|---|--------------------------------------|
| <p>TURNS RATIO PRIMARY : SECONDARY</p> | <p>1 : 2</p> |
| <p>PRIMARY INDUCTANCE □CL</p> | <p>1.2 mH TYP. @10kHz, 20mV</p> |
| <p>LEAKAGE INDUCTANCE PRIMARY (SCHAN CHRTE) SECONDARY</p> | <p>0.3 μH MAX. @1MHz, 20mV</p> |
| <p>INTERWINDING CAPACITANCE PRIMARY : SECONDARY</p> | <p>30 pF MAX. @1MHz, 20mV</p> |
| <p>DC RESISTANCE PRIMARY SECONDARY</p> | <p>0.5 ΩHM MAX. 1.4 ΩHM MAX.</p> |
| <p>HIPOT</p> | <p>PER HAND-WORK-03</p> |
| <p>OPERATING TEMPERATURE</p> | <p>-5°C TO +75°C</p> |

| | | | | | | | |
|---------------|----------|---|------------------------|----------------------------|------------------------------|--|-----------|
| ORIGINATED BY | DATE | TITLE | PART NO. / DRAWING NO. | STANDARD DIM. TOL. IN INCH | [] METRIC DIM. AS REFERENCE | <p>COMPONENTS FOR A CONNECTED PLANET</p> | |
| CHAN CH | 11-17-06 | 12-CHANNEL T1/E1 MAGNETICS INTERFACE MODULE | X553-6500-J6 | .X | UNIT : INCH [mm] | | REV. : A |
| DRAWN BY | DATE | | FILE NAME | .XX | SCALE : N/A | | SIZE : A4 |
| DQ Chen | 11-17-06 | S553-6500-J6 | X5536500J6A.DWG | .XXX | | | PAGE : 2 |

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SUGGESTED PCB PAD LAYOUT



NOTES:

- STANDARD MARKING REFER TO DOC. HAND-WORK-04.
- PACKAGE CODE: "QVS001".

| | | | | | | | | |
|----------------|----------|------------------------------------|------------------------|----------------------------|------------------------------|--|-------------|-----------|
| ORIGINATED BY | DATE | TITLE | PART NO. / DRAWING NO. | STANDARD DIM. TOL. IN INCH | [] METRIC DIM. AS REFERENCE | <p>COMPONENTS FOR A CONNECTED PLANET</p> | | |
| Lawrence Tsang | 11-17-06 | MECHANICAL DRAWING S553-6500-J6 | X553-6500-J6 | .X | UNIT : INCH [mm] | | REV. : A | |
| DRAWN BY | DATE | | FILE NAME | .XX | ±0.01 | | SCALE : N/A | SIZE : A4 |
| DQ Chen | 11-17-06 | | X5536500J6A.DWG | .XXX | ±0.005 | | | PAGE : 3 |