**ELECTRICAL CHARACTERISTICS @ 25°C**

**TURNS RATIO**
- TP1: 1CT : 1CT ±2%
- TP2: 1CT : 1CT ±2%

**OCL @ 100kHz/100mVRMS**
- 8mA DC BIAS: 350μH MIN.

**INS. LOSS**
- 0.1MHz TO 1MHz: -1.1 dB MAX
- 1MHz TO 65MHz: -0.5 dB MAX
- 65MHz TO 100MHz: -1.0 dB MAX

**RET. LOSS (MIN)**
- 0.5MHz-40MHz: -18 dB
- 40MHz-80MHz: -12+20LOG(f/80MHz) dB

**CM TO CM REJ**
- 100kHz - 100MHz: -30 dB MIN

**CM TO DM REJ**
- 10kHz - 100MHz: -35 dB MIN

**HIPOT (Isolation Voltage):**
- 1500 Vrms

100% OF PRODUCTION TESTED

TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS

**LEDs 1, 2, 3 AND 4**
- **VF (FORWARD VOLTAGE):** IF=20mA GREEN: 2.2V TYP.
- **VD (DOMINANT WAVELENGTH):** IF=20mA GREEN: 570nm TYP.
- **OPERATING TEMPERATURE:** -40°C TO 85°C

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**Table: LED 2 & 4 POLARITY**

<table>
<thead>
<tr>
<th>PIN 11</th>
<th>PIN 12</th>
<th>COLOR</th>
<th>PIN 13</th>
<th>PIN 14</th>
<th>COLOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>+</td>
<td>-</td>
<td>GREEN</td>
<td>+</td>
<td>-</td>
<td>GREEN</td>
</tr>
</tbody>
</table>

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**Diagram:**

- Schematic of the circuit with labeled components and connections.
- RJ45 connector at the top right.
- 1000pF 3kV capacitors.
- 4X 75 Ohms resistors.
- Common Mode Filter.
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NOTES:
PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
CONTACT PLATING: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.
OVER NICKEL UNDERPLATING
OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)
1. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS,
 PART 68 SUBPART F.
2. MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER,
 DATE CODE AND PATENTED.
3. THE PRODUCT IS RoHS COMPLIANT.

UL RECOGNIZED - FILE #E196366 AND E169987.
4. THE PRODUCT IS PATENTED, THE PATENT NUMBER
 ARE U.S. PAT. 6,840,817 AND U.S. PAT. 7,123,117.

ORIGINATED BY
SANDY LIN
DATE 2016-04-15

DRAWN BY
XUE RIFING
DATE 2016-04-15

PART NO. / DRAWING NO.
0879-2G2J15C

STANDARD DIM TOL. IN INCH
[ ] METRIC DIM. AS REF.

FILE NAME
0879-2G2J15C_B.DWG

REV. : B PAGE : 3

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A BEL GROUP

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SUGGESTED PANEL OPENING

NOTE:

THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION. IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

PACKING INFORMATION

PACKING TRAY : 0200-9999-P5 (TOP)
0200-9999-P6 (BOTTOM)

PACKING QUANTITY : 28 PCS FINISHED GOODS PER TRAY
7 TRAYS (196 PCS FINISHED GOODS) PER CARTON BOX

NOTE : CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX (INCLUDE THE UPPERMOST AND LOWERMOST TRAY)