ELECTRICAL CHARACTERISTICS @ 25°C

<table>
<thead>
<tr>
<th>LED1 POLARITY</th>
<th>LED2 POLARITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIN 13 PIN 14</td>
<td>COLOR PIN 15 PIN 16</td>
</tr>
<tr>
<td>- + YELLOW + - ORANGE</td>
<td></td>
</tr>
</tbody>
</table>

**Turns Ratio**
- TX: 1 ICT : 1
- RX: 1 ICT : 1

**DCL @ 100kHz/100mVRMS**
- 8mA DC BIAS: 350μA MIN.

**Ins. Loss**
- 1MHz TO 100MHz: -10 dB MAX

**Ret. Loss (MIN)**
- 1MHz-30MHz: -18 dB
- 30MHz-60MHz: -18+20log(0/30MHz) dB
- 60MHz-80MHz: -12 dB

**Cross Talk (TX - RX)**
- 500kHz-100MHz: -35 dB MIN

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

**CM TO DM REJ**
- 100kHz-100MHz: -40 dB MIN

**HIPOT (Isolation Voltage)**
- 1500 Vrms or 2250 VDC

**Operating Temperature**
- -40°C TO 85°C

**LED V (Forward Voltage)**
- IF=20mA: YELLOW 2.1V TYP.
- IF=20mA: YELLOW 590mV TYP.

**λD (Dominant Wavelength)**
- IF=20mA: GREEN 2.2V TYP.
- ORANGE 2.0V TYP.
- ORANGE 610nm TYP.

**USB Electrical**
- Insulation Resistance: 1000 MEGΩ (MIN)
- Contact Resistance: 25 MILLIO (MAX)
- Dielectric Withstanding: 750 VAC

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**Drawing Information**
- Originated By: CHUNG Date: 06-05-05
- Drawn By: DE Date: 06-05-05

**File Name**
- 08211X1T36-F

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SUGGESTED PANEL OPENING

NOTES:

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: 0200-0148-40 (TOP)
0200-0148-49 (BOTTOM)

PACKING QUANTITY: 60 PCS FINISHED GOODS PER TRAY
8 TRAYS (480 PCS FINISHED GOODS) PER CARTON BOX

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