**Electrical Characteristics @ 25°C**

** Turns Ratio **

| TP1 | 1C7 : 1C7 | 4% |
| TP2 | 1C7 : 1C7 | 4% |
| TP3 | 1C7 : 1C7 | 4% |
| TP4 | 1C7 : 1C7 | 4% |

** BCL @ 100kHz/100mVRMS **

(-40°C - 85°C) 180μH MIN.
19mA DC BIAS (-40°C - 85°C) 120μH MIN.

** Rect. Loss (Min) **

- 1MHz-40MHz: -18 dB MIN
- 40kHz-250kHz: -18+10log(10f/40kHz) dB MIN

** CM to CM REJ **

- 100kHz - 100MHz: -30 dB MIN

** CM to DM REJ **

- 10kHz - 100kHz: -35 dB MIN

** HIPOT (Isolation Voltage) **

2500 VDC

100% of Production Tested To Comply With
IEEE 498-3 Isolation Requirements.

** Note: Port-to-Port Isolation Not Included. **

** Balanced DC Line Current **

- 600mA MAX Continuous
- 1.2A MAX for 200 Milliseconds

** LEDs 1, 2, 3 and 4 **

- Vf (Forward Voltage) IF=20mA
  - ORANGE 2.0V TYP.
  - GREEN 2.2V TYP.
- λD (Dominant Wavelength) IF=20mA
  - ORANGE 605nm TYP.
  - GREEN 570nm TYP.

** Operating Temperature **

- -40°C TO +85°C.
NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT, BLACK.
FLAMMABILITY RATING UL 94V-0
CONTACT PLATING: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT
OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
100 MICRO-INCH MIN MATTE TIN. PINS ARE SOLDER DIPPED.
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)

1. JACKET 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.
5. THE PART IS RECOMMENDED FOR WAVE SOLDERING. THE
   SUGGESTED PEAK WAVE SOLDERING CONDITION IS 260°C MAX
   AND 10 SECONDS MAX.

ORIGINATED BY
LI QUANKUN
DATE 2021-05-25

DRAWN BY
OLIVER ZHANG
DATE 2021-05-25

FILE NAME
0895-2B6J-JVC_1.DWG

PART NO. / DRAWING NO.
0895-2B6J-JVC

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

UNIT: INCH [mm]
SCALE: N/A
SIZE: A4

RoHS

REV.: 1 PAGE: 3

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**PRELIMINARY**

**PORT ASSIGNMENT**

**COMPONENT SIDE VIEW**

**PIN-OUT INFORMATION**

**COMPONENT SIDE VIEW**

<table>
<thead>
<tr>
<th>Pin</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>GND</td>
</tr>
<tr>
<td>9</td>
<td>TRCT1/2/3/4</td>
</tr>
<tr>
<td>8</td>
<td>TRD 4+</td>
</tr>
<tr>
<td>7</td>
<td>TRD 4-</td>
</tr>
<tr>
<td>6</td>
<td>TRD 3+</td>
</tr>
<tr>
<td>5</td>
<td>TRD 3-</td>
</tr>
<tr>
<td>4</td>
<td>TRD 2+</td>
</tr>
<tr>
<td>3</td>
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</tr>
<tr>
<td>2</td>
<td>TRD 1+</td>
</tr>
<tr>
<td>1</td>
<td>TRD 1-</td>
</tr>
<tr>
<td>18</td>
<td>ORANGE (+)/GREEN (-)</td>
</tr>
<tr>
<td>17</td>
<td>ORANGE (-)/GREEN (+)</td>
</tr>
<tr>
<td>16</td>
<td>ORANGE (+)/GREEN (-)</td>
</tr>
<tr>
<td>15</td>
<td>ORANGE (-)/GREEN (+)</td>
</tr>
<tr>
<td>14</td>
<td>VC36</td>
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<tr>
<td>13</td>
<td>VC78</td>
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<td>VC45</td>
</tr>
<tr>
<td>11</td>
<td>VC12</td>
</tr>
</tbody>
</table>

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**THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.**

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LI QUANKUN

**DATE**

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OLIVER ZHANG

**DATE**

2021-05-25

**PART NO. / DRAWING NO.**

0895-2B6J-JVC

**FILE NAME**

0895-2B6J-JVC_1.DWG

**STANDARD DIM. TOL. IN INCH**

[ ] METRIC DIM. AS REF.

**X**

UNIT : INCH [mm]

**XX**

SCALE : N/A

**XXX**

0.004

SIZE : A4

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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-B7 (TOP)
0200-9999-B8 (BOTTOM)

PACKING QUANTITY : 15 PCS FINISHED GOODS PER TRAY.
5 TRAYS (75 PCS FINISHED GOODS) PER CARTON BOX.

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

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PART NO. / DRAWING NO. 0895-2B6J-JVC

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

FILE NAME 0895-2B6J-JVC_1.DWG

UNIT : INCH [mm]
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SIZE : A4

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