**DESIGNED & DIMENSIONED IN MILLIMETERS**

- **CABLE TYPE**
  - 1: CTB-2650F-01 (0100 MM - 1000 MM)
  - 2: CCA-316 (0400 MM - 1000 MM)

- **SECOND END ORIENTATION**
  - NUS: NOTCH UP STRAIGHT (P1 to P1; ONLY VALID W/DOUBLE ENDS)
  - NDS: NOTCH DOWN STRAIGHT (P1 to P4; ONLY VALID W/DOUBLE ENDS)

- **ASSEMBLY LENGTH**
  - 01: 1 POSITION
  - 02: 2 POSITIONS
  - 04: 4 POSITIONS
  - 06: 6 POSITIONS
  - 08: 8 POSITIONS
  - *-10: 10 POSITIONS

- **PLATING OPTIONS**
  - S: 30µ" GOLD

- **END OPTIONS**
  - S: SINGLE ENDED
  - D: DOUBLE ENDED

- **TABLE 1**

<table>
<thead>
<tr>
<th>No. OF POS</th>
<th>&quot;A&quot; REF</th>
<th>&quot;B&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>-01</td>
<td>20.87 [.82]</td>
<td>11.57 [.46]</td>
</tr>
<tr>
<td>-02</td>
<td>24.87 [.98]</td>
<td>15.57 [.61]</td>
</tr>
<tr>
<td>-04</td>
<td>32.87 [1.29]</td>
<td>23.57 [.93]</td>
</tr>
<tr>
<td>-06</td>
<td>40.87 [1.61]</td>
<td>31.57 [1.24]</td>
</tr>
<tr>
<td>-08</td>
<td>48.87 [1.92]</td>
<td>39.57 [1.56]</td>
</tr>
<tr>
<td>*-10</td>
<td>56.87 [2.24]</td>
<td>47.57 [1.87]</td>
</tr>
</tbody>
</table>

- **NOTCH DOWN**

- **CABLE LENGTH**
  - (ASSEMBLY LENGTH - 18.41 [.725] ±1%)

- **DETAIL 'G'**

- **NOTCH UP**

- **CABLE ASSEMBLY, IJ5C CONNECTOR**
  - PVC COATING, COLOR: BLACK
  - SHIELD: COPPER ALLOY
  - CONTACT: COPPER ALLOY
  - DIELECTRIC: LCP, COLOR: BLACK

- **MATERIAL**
  - DO NOT SCALE DRAWING

- **DESCRIPTION**
  - CABLE ASSEMBLY, IJSC CONNECTOR

- **NOTES:**
  - 1. "A" REFERS TO A CRITICAL DIMENSION.
  - 2. ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED FOR SHORTS AND OPENS.
  - 3. ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 600V.
  - 4. PACKAGE ASSEMBLIES IN ANTI-STATIC OR STATIC DISSIPATIVE BAGS.
  - 5. ETPE STICKER TO BE PLACED AS SHOWN, LABEL TO BE FLAGGED AROUND SINGLE WIRE AND TO BE PLACED ON CABLE ASSEMBLY AS SHOWN.
  - 6. CABLE LENGTH GREATER THAN 1000mm (39.4") IS A VALID PART NUMBER, BUT IS NOT SUPPORTED BY S.I. TEST DATA.
  - 7. CABLE LESS THAN 5" (127.0mm) HAVE A LENGTH TOLERANCE OF ±.050"[1.27mm].
  - 8. MEASURE OVER THERMO WELD FEATURES.
  - 9. BUILT AS IJ5C-XX-XXXX-S-D-XXXX-X AND CUT TO LENGTH.
**IN-PROCESS STEP 1**  
(MEASURE AND STRIP CABLE)  
(SEE IJSC CABLE TRAVELER FOR PREP INSTRUCTIONS)
ALIGN GUIDE POSTS (BOTTOM COVER) TO HOLE IN TOP COVER

IN-PROCESS STEP 7
(ASSEMBLE TOP COVER HOUSING)

CONTACTS FACE TOWARDS KEY IN TOP COVER

IN-PROCESS STEP 8
(Thermo Weld Covers)

GAP BETWEEN COVER TO BE .003 [0.08] MAX

CONTACTS FACE UP

CABLE LENGTH (REF)

0.795 [0.031] (REF)

DETAIL 'D'
SCALE 4 : 1

IN-PROCESS STEP 6
(FILL BOTTOM COVER HOUSING)

TABLE 2

<table>
<thead>
<tr>
<th>No. OF POS</th>
<th>END OPTION</th>
<th>CABLE TYPE</th>
<th>FERRULE</th>
<th>TOP HOUSING</th>
<th>BOTTOM HOUSING</th>
<th>LATCH</th>
</tr>
</thead>
</table>

* = NOT TOOLLED

TABLE 2

(SEE NOTE 8)

CABLE ASSEMBLY, IJSC CONNECTOR

DESCRIPTION:

BY: KNOWLDER 04/16/2008 SHEET 4 OF 4