TABLE 1 - SOLDERBALL PARTS ONLY

<table>
<thead>
<tr>
<th>PART (POSITION)</th>
<th>20</th>
<th>30</th>
<th>40</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAX COPLANARITY</td>
<td>.0040</td>
<td>.0080</td>
<td>.0080</td>
<td>.0100</td>
</tr>
<tr>
<td>MAX T/B BOW</td>
<td>.0020</td>
<td>.0020</td>
<td>.0020</td>
<td>.0025</td>
</tr>
</tbody>
</table>

* AFTER SOLDERBALL ATTACHMENT

---

**NOTES:**
1. NOTE DELETED.
2. **Represents a critical dimension.**
3. BURR ALLOWANCE: .0015 MAX.
4. NOTE DELETED.
5. MINIMUM PUSHOUT FORCE: 5 LB.
6. NOTE DELETED.
7. MAXIMUM ALLOWABLE DISTANCE FOR SOLDER WICKING UP TERMINAL.
8. .0040 MAX VARIATION BETWEEN SOLDERBALLS.
9. REFER TO VISUAL INSPECTION BOARD FOR SOLDERBALL APPEARANCE CHECKS.
10. THE DISTANCE FROM THE CENTER OF ANY SOLDERBALL TO THE CENTER OF ANY ADJACENT INNER PEG SHALL BE .025±.005.
11. NOTE DELETED.
12. TRAY PACKAGING CAN BE SUBSTITUTED FOR TUBES.

---

**DESCRIPTION:**
FLEX, Y, Z, .050 CENTERLINE TERMINAL ASSEMBLY

**MATERIAL:**
INSULATOR: LCP, COLOR: BLACK
TERMINAL: BRASS AND ALLOY 260

**UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.**

**TOLERANCES ARE:**

<table>
<thead>
<tr>
<th>DECIMALS</th>
<th>ANGLES</th>
</tr>
</thead>
<tbody>
<tr>
<td>.XX: ± .01</td>
<td>± 2°</td>
</tr>
<tr>
<td>.XXX: ± .005</td>
<td>± .005</td>
</tr>
</tbody>
</table>

**SECTION "A" - "A"**

---

**OPTION**

- **K**: KAPTON PAD OPTION
  [SEE TABLE 3 & FIG. 4, SHEET 2]
- **TR**: TAPE & REEL

**OPTION**

- **SB**: SOLDER BALLS: 37% PB/63% SN
  (USE SDB-030-6337)

**ROW SPECIFICATION**

- **-10**: TEN ROWS (USE YFTP-XX-X)
- **-08**: EIGHT ROWS (USE YFTP-XX-X)
- **-05**: FIVE ROWS (USE YFTP-XX-X)
- **-06**: SIX ROWS (USE YFTP-XX-X)
  (AVAILABLE IN 20 POS. ONLY)
- **-03**: THREE ROWS (USE YFTP-XX-X)
  (AVAILABLE IN 20 POS. ONLY)

---

**LEAD STYLE**

- **-03**: THREE ROWS (USE YFTP-XX-X)

---

**SOLDERBALL OPTIONS**

- **SB**: SOLDER BALLS: 37% PB/63% SN
  (USE SDB-030-6337)

---

**SHORT DIMENSIONS**

- .040 [1.02] REF
- .040 [1.02] REF
- .040 [1.02] REF
- .040 [1.02] REF
- .040 [1.02] REF
- .040 [1.02] REF
- .040 [1.02] REF
- .040 [1.02] REF

---

**YFT-XX-05-X-XX-SB-XX**

---

**REV. Y**

---

**SCALE FROM THIS PRINT**
R = (No OF POS x .0500 [1.270]) + .100 [2.54]
S = ([R" - "B" / 2] x .020 [0.51])

**TABLE 3**

<table>
<thead>
<tr>
<th>ROW OPTION</th>
<th>&quot;B&quot;</th>
<th>&quot;C&quot;</th>
<th>KAPTON</th>
</tr>
</thead>
<tbody>
<tr>
<td>-05</td>
<td>.404</td>
<td>.017</td>
<td>K-DOT. 404-500-005</td>
</tr>
<tr>
<td>-06</td>
<td>.575</td>
<td>.028</td>
<td>K-850-650</td>
</tr>
<tr>
<td>-10</td>
<td>.650</td>
<td>.015</td>
<td>K-1000-800</td>
</tr>
<tr>
<td>-06</td>
<td>.460</td>
<td>.020</td>
<td>K-850-650</td>
</tr>
<tr>
<td>-03</td>
<td>.325</td>
<td>.028</td>
<td>K-DOT. 325-450-005</td>
</tr>
</tbody>
</table>

**TABLE 2**

<table>
<thead>
<tr>
<th>PART (POSITION)</th>
<th>20</th>
<th>30</th>
<th>40</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAX T/B BOW</td>
<td>.0015</td>
<td>.0020</td>
<td>.0020</td>
<td>.0020</td>
</tr>
</tbody>
</table>

**PACKAGING TUBE**

(SEE NOTE 12)

[PLACE PARTS IN RESPECTIVE TUBES SIMILAR TO SHOWN BELOW]