**TABLE 1**

<table>
<thead>
<tr>
<th>No OF POS</th>
<th>COPLANARITY INCLUDING GROUND PLANE</th>
</tr>
</thead>
<tbody>
<tr>
<td>000 THRU 060</td>
<td>0.040[0.102]</td>
</tr>
<tr>
<td>090 THRU 150</td>
<td>0.060[0.152]</td>
</tr>
</tbody>
</table>

**DESCRIPTION**

0.5mm DOUBLE ROW HS SOCKET ASSEMBLY

**INSULATOR:** BLACK LCP
**CONTACT & GROUND PLANE:** PHOS BRONZE

**SAMTEC**
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**CODE:** 55322

**NOTES:**
1. **C** REPRESENTS A CRITICAL DIMENSION.
2. NO DIM. DILATED.
3. CONTACT RETENTION: 8 OZ. MINIMUM.
4. GROUND PLANE RETENTION: 8 OZ. MINIMUM.
5. BURR ALLOWANCE: 0.005[0.13] MAX.
6. MAX VARIANCE: [0.025].
7. DIMENSION APPLIES TO CONTACT & GROUND PLANE.
8. -PLATING CAN BE SUBSTITUTED FOR -G PLATING.
9. -G PLATED GROUND PLANE CAN BE SUBSTITUTED FOR -F PLATED GROUND PLANE.

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**Material:**
DO NOT SCALE DRAWING

**Sheet Scale:** 1:1

**Revision:** M

**Date:** 05/21/1999

**Sheet 1 of 3**
FIG. 2
-A: ALIGNMENT PIN OPTION

QSH-30-01-D-XX-A

\( (\text{No OF POSITIONS} / 30) \times 0.7875(20.003) + 0.050(1.27) \) REF

\( \phi 0.035(0.89) \) REF

FIG. 3
-K: POLYAMIDE FILM PAD
[USE K-850-650]

\( R \) REF

\( S = (R - 0.325(8.26)) / 2 + 0.020(0.51) \)

NOTE: "R" = \((\text{No OF POSITIONS} / 30) \times 0.7875(20.003) + 0.050(1.27)\)