**NOTES:**

1. **REPRESENTS A CRITICAL DIMENSION.**
2. **MAXIMUM BURR ALLOWANCE: 0.02 [0.001].**
3. **MINIMUM PUSHOUT /PULLOUT FORCE: SIGNAL: 2.22 N [0.5 LB], LATCH AND COUNTERWEIGHT: 4.45 N [1 LB].**
4. **FOR QUANTITIES UP TO 49 PIECES, NO LEADER, TRAILER, OR EIA-481-D REEL TO BE SUPPLIED. FOR QUANTITIES FROM 50-124 PIECES, NO LEADER OR TRAILER WILL BE SUPPLIED.**
5. **MEASURE AT BEND TANGENCY.**
6. **APPLIES TO -L OPTION ONLY.**
7. **MAXIMUM CUT BURR ON CUT TAILS [± 0.01].**
8. **DIMENSIONS MUST BE MEASURED BOTH ENDS OF COMB OR CONNECTOR.**
9. **USE -2- DATUM ZONE FOR MEASUREMENT ONLY.**
10. **SEE PTL SYSTEM FOR REQUIRED INSPECTION FIXTURE TO CHECK TAIL CRITICS.**
11. **FORM 1 CRITICAL DIMENSIONS ARE TO BE CHECKED AT FORM 2 PROCESS STEPS.**
12. **USE -E- DATUM ZONE FOR MEASUREMENT ONLY.**
13. **USE -D- DATUM ZONE FOR MEASUREMENT ONLY.**
14. **COPLANARITY MEASURED ON PINS ONLY, INSULATOR NOT INCLUDED IN MEASUREMENT.**

**TAPE & REEL OPTION**
- **TR : TAPE & REEL (STANDARD PACKAGING) [SEE NOTE 4]**

**OPTION**
- **K: PAD**
- **L: ESD LATCHES**

**ROW SPECIFICATION**
- **D: DOUBLE (USE ERM8-XXX-01-D-RA)**
- **E: T/P (TYP)**

**TABLE 1**

<table>
<thead>
<tr>
<th>POSITION</th>
<th>&quot;A&quot;</th>
<th>&quot;B&quot;</th>
<th>&quot;C&quot;</th>
<th>&quot;L&quot;</th>
<th>&quot;E&quot;</th>
<th>&quot;K&quot;</th>
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</thead>
<tbody>
<tr>
<td>-010</td>
<td>21.00 [0.827]</td>
<td>7.00 [0.276]</td>
<td>12.90 [0.508]</td>
<td>14.00 [0.551]</td>
<td>14.05 [0.553]</td>
<td>15.25 [0.600]</td>
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<td>-011</td>
<td>21.85 [0.859]</td>
<td>8.00 [0.315]</td>
<td>13.70 [0.539]</td>
<td>14.80 [0.585]</td>
<td>14.85 [0.588]</td>
<td>16.05 [0.632]</td>
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<tr>
<td>-012</td>
<td>22.50 [0.886]</td>
<td>9.00 [0.354]</td>
<td>15.50 [0.603]</td>
<td>16.40 [0.648]</td>
<td>16.45 [0.654]</td>
<td>17.65 [0.691]</td>
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<tr>
<td>-013</td>
<td>24.00 [0.945]</td>
<td>11.20 [0.441]</td>
<td>19.15 [0.754]</td>
<td>20.95 [0.822]</td>
<td>21.90 [0.861]</td>
<td>23.35 [0.915]</td>
</tr>
</tbody>
</table>

**TAPE & REEL OPTION**
- **TR : TAPE & REEL (STANDARD PACKAGING) [SEE NOTE 4]**
- **K: PAD**
- **L: ESD LATCHES**
- **ROW SPECIFICATION**
- **D: DOUBLE (USE ERM8-XXX-01-D-RA)**
IN-PROCESS 3
(FILL BOTTOM ROW)
(SEE INSPECTION VIEW 1 FOR ASSEMBLY ORIENTATION AND CPC’S)

IN-PROCESS 4
(CUT OFF CARRIER)
(SEE INSPECTION VIEW 1 FOR ASSEMBLY ORIENTATION AND CPC’S)

INSPECTION VIEW 1
(SEE NOTE 10)

DETAIL ‘C’
SCALE 8:1

DETAIL ‘D’
SCALE 8:1

INSPECTION FOR IN-PROCESS 3 & 4
(CARRIER NOT SHOWN FOR IN PROCESS 3 INSPECTIONS)
TABLE 6

<table>
<thead>
<tr>
<th>OPTION</th>
<th>STYLE</th>
<th>BODY CALLOUT</th>
<th>SPACER BODY</th>
<th>TERMINALS</th>
<th>COUNTERWEIGHT</th>
<th>WELD TABS</th>
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<tr>
<td>NONE</td>
<td>-01</td>
<td>ERM8-XX-01-D-RA</td>
<td>ERF8-RA-XX</td>
<td>T-1M52-01-X</td>
<td>T-1R37-01-X</td>
<td>WT-35-03-T</td>
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<td>-03</td>
<td>ERM8-XX-01-D-RA</td>
<td>ERF8-RA-XX</td>
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<td>T-1R37-02-X</td>
<td>WT-35-06-T</td>
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<td>-01</td>
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<td>ERF8-RA-XX</td>
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<td>T-1R37-01-X</td>
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<td>ERF8-RA-XX</td>
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<td>T-1R37-02-X</td>
<td>WT-35-04-F</td>
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<td>-DS</td>
<td>-01</td>
<td>ERM8-XX-01-D-RA</td>
<td>ERF8-RA-XX</td>
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<td>T-1R37-01-X</td>
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<td>ERF8-RA-XX</td>
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<tr>
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<td>-01</td>
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<td>ERF8-RA-XX</td>
<td>T-1M69-01-X</td>
<td>T-1R37-01-X</td>
<td>WT-35-01-F</td>
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<tr>
<td></td>
<td>-03</td>
<td>ERM8-XX-01-D-RA</td>
<td>ERF8-RA-XX</td>
<td>T-1M69-02-X</td>
<td>T-1R37-02-X</td>
<td>WT-35-04-F</td>
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**PROPRIETARY NOTE**

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**FIG 2**
ERM8-025-01-X-D-RA-DS-L SHOWN (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

**SECTION "A"-"A"**
SCALE 3 : 1

**SECTION "B"-"B"**
SCALE 3 : 1

**GROUND PIN**
(GROUND PINS MUST BE IN FIRST AND LAST POSITIONS)

**SIGNAL PINS**

**DO NOT SCALE DRAWING**

**SHEET SCALE: 2:1**

**DESCRIPTION:**
."80mm DUAL ROW RIGHT ANGLE SOCKET ASSEMBLY"

**DWG. NO.:**
ERMB-XXX-XX-X-D-RA-XX-TR

**BY:** C. PIERCE  8/17/2007  SHEET 7 OF 7