FIG 1
ZA8-10-2-1.00-X-10 SHOWN (DUAL COMPRESSION) (SOME CENTER FEATURES REMOVED FOR CLARITY)

NOTES:
1. * REPRESENTS A CRITICAL DIMENSION.
2. CONTACT POINTS ARE MEASURED IN UNCOMPRESSED STATE.
3. RECOMMENDED SCREW SIZE: M1.6.
4. ELECTRICAL TEST: 100% ISOLATION & CONTINUITY TESTS REQUIRED
   100% HI-POT REQUIRED AT 300V
   MINIMUM PIN TO PIN ISOLATION TO BE 200 MEGA OHMS.
5. PARTS TO BE PACKAGED IN TRAYS.
6. DIMENSION AFTER FINAL REFLOW IS 1.000[.0394].
7. MAXIMUM BURR AFTER Dicing: 0.125[.005].
8. PARTS TO BE PROCESSED PER SAMTEC WORKMANSHIP GUIDELINE: NA-ZR-WI-3015-M.
9. PAD SIZE IS DEFINED BY SOLDERMASK OPENING; SOLDERMASK THICKNESS IS .0254MM +/- .0127MM.
10. TOTAL STACK HEIGHT OF MATERIAL LAYERS IS REpRESENTED IN CONTACT ARRAY AREA. AREAS OUTSIDE OF THE ARRAY HAVE THE FOIL LAYER REMOVED ResultING IN THINNER PROFILE DIMENSION OUTSIDE OF ARRAY.
11. INSPECTION IS OF THE CENTER AND HIGHEST POINT [POINT OF CONTACT] INSPECT OPPOSING CORNER LOCATIONS ONLY BOTH SIDES.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS.
TOLERANCES ARE:
DECIMALS: ANGLES: 2
XX: ±0.3 [01] X: ±1 [03]
XXX: ±0.3 [03]
XXX: ±0.25 [.010]

MATERIAL:
CONTACT: BeCu
CORE: FR4
COVERLAY: POLYIMIDE

TABLE 1

<table>
<thead>
<tr>
<th>No OF POS</th>
<th>&quot;A&quot;</th>
<th>&quot;B&quot;</th>
<th>&quot;C&quot;</th>
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<tr>
<td>-10</td>
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<td>.492</td>
<td>.720</td>
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<td>-20</td>
<td>20.50</td>
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<td>-40</td>
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<td>.1563</td>
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Z-RAY 0.8 mm PITCH DUAL COMP

REVISION F
DESIGNED & DIMENSIONED IN MILLIMETERS[INCHES]

DO NOT SCALE FROM THIS PRINT

ZA8-XX-X-XX-X-XX-X

SOLDER COMPOSITION
LEAVE BLANK FOR 2 DUAL COMPRESSION
1: LEAD (63% Sn/37% Pb)
2: LEAD-FREE (96.5% Sn/3% Ag/.5% Cu)

ROW SPECIFICATION
10: 10 ROWS

PLATING SPECIFICATION
-2: 6µ MIN Au OVER 40-100µ Ni
*S: 30µ MIN Au OVER 40-100µ Ni

* NOT RELEASED
**ONLY AVAILABLE IN -10 & -20 POSITIONS
-30 & -40 POSITION NOT RELEASED

CONTACT: BeCu
CORE: FR4
COVERLAY: POLYIMIDE

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

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DETAL 'B' SCALE 10 : 1

POSITION 1 INDICATOR THROUGH COVERFILM ONLY

SHEET 1 OF 6
FIG 2
ZA8-20-2-1.00-X-10 SHOWN
(DUAL COMPRESSION)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(SOME CENTER FEATURES REMOVED FOR CLARITY)

FIG 3
ZA8-30-2-1.00-X-10 SHOWN
(DUAL COMPRESSION)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(SOME CENTER FEATURES REMOVED FOR CLARITY)

FIG 4
ZA8-40-2-1.00-X-10 SHOWN
(DUAL COMPRESSION)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(SOME CENTER FEATURES REMOVED FOR CLARITY)
FIG 5
ZA8-10-1-1.00-X-10-X SHOWN
(SINGLE COMPRESSION)
(DIFFERENT AS SHOWN. OTHERWISE SAME AS FIG 1)
(SOME CENTER FEATURES REMOVED FOR CLARITY)

TABLE 4

<table>
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<tr>
<th>No OF POS</th>
<th>&quot;D&quot;</th>
<th>&quot;E&quot;</th>
<th>&quot;F&quot;</th>
<th>&quot;G&quot;</th>
<th>&quot;J&quot;</th>
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DESCRIPTION:
Z-RAY 0.8 mm PITCH DUAL COMP

DWG. NO:
ZA8-XX-X.XX-X-XX-X

BY:
D.SCHMELZ 10/29/2013

SHEET SCALE: 5:1

SHEET 4 OF 6
FIG 6
ZA8-30-1.00X-X TO X SHOWN
(SINGLE COMPRESSION)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 5)
(ALSO APPLIES TO ZA8-40)
(SOME CENTER FEATURES REMOVED FOR CLARITY)

FIG 7
ZA8-30-1.00X-X TO X SHOWN
(SINGLE COMPRESSION WITH PPP)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2)
(SOME CENTER FEATURES REMOVED FOR CLARITY)

TABLE 5
<table>
<thead>
<tr>
<th>No OF POS</th>
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</table>

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e-Mail info@SAMTEC.com code 55322

DO NOT SCALE DRAWING
SHEET SCALE: 4:1

FILE:DWG\MISC\MKTG\ZA8-XX-X.XX-X.XX-X-MKT.SLDDRW