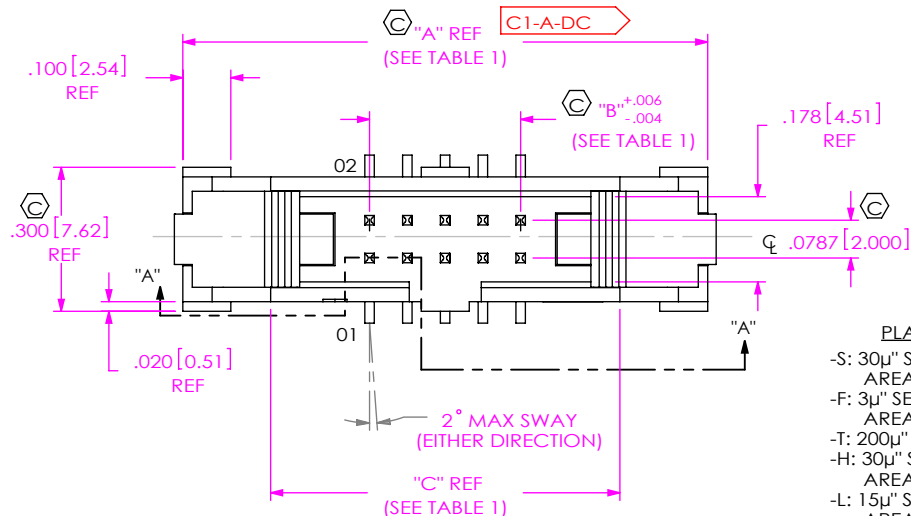


DO NOT SCALE FROM THIS PRINT

EHT-1XX-01-X-D-XX-SR-XX-XX-X-XX



**NO OF POSITIONS**  
-05 THRU -25

**LEAD STYLE**  
-01

**PLATING SPECIFICATION**  
 -S: 30μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.  
 -F: 3μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.  
 -T: 200μ" MATTE TIN ON ENTIRE CONTACT.  
 -H: 30μ" SELECTIVE GOLD IN CONTACT AREA, 3μ" SELECTIVE GOLD ON TAIL.  
 -L: 15μ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL.

**ROW SPECIFICATION**  
-D: DOUBLE

**OPTION 3**  
-TR: TAPE & REEL

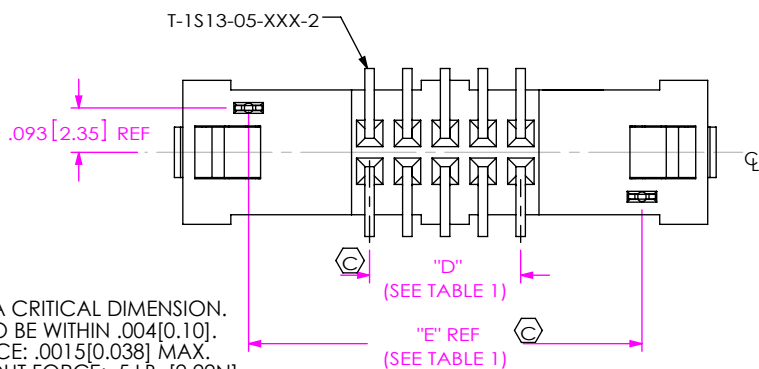
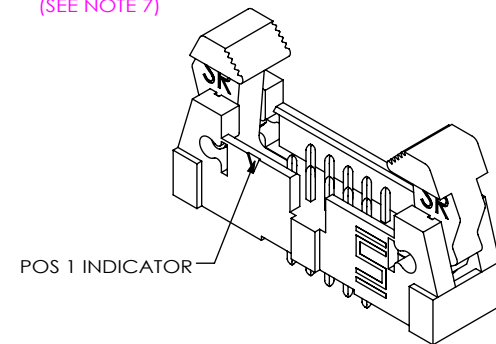
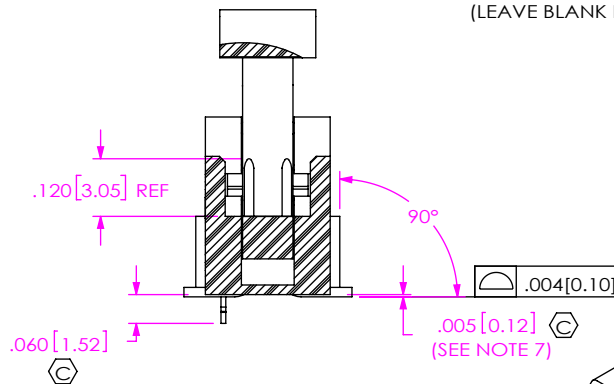
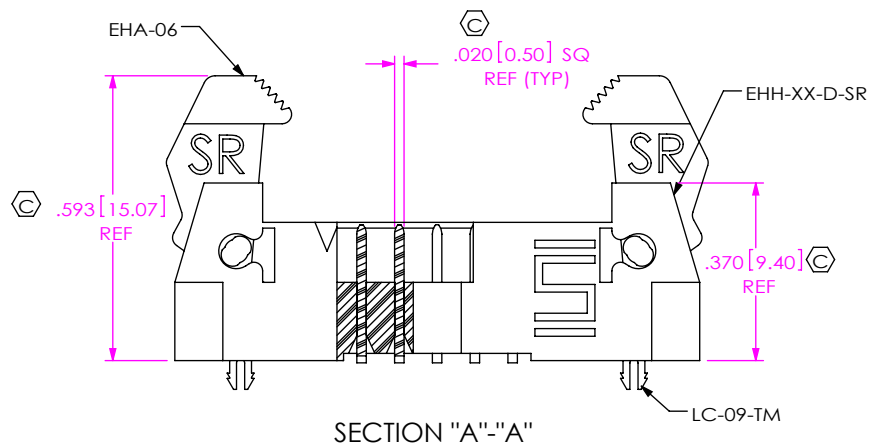
**OPTION 2**  
 -P: PICK & PLACE PAD (FOR -SM ONLY, USE PPP-24) (USE PPP-55 WITH -SM-TR OPTION) (SEE SHT 3, FIG 5) (NOT AVAILABLE WITH -LC)  
 -K: POLYIMIDE FILM PAD (SEE SHT 2, FIG 4) (NOT AVAILABLE WITH -LC) (FOR -SM ONLY)

**POLARIZATION OPTION**  
-XX= PIN OMITTED

**OPTION 1**  
 -LC: LOCKING CLIP (SEE NOTE 8) (FOR -SM ONLY, SEE NOTE 8) (NOT AVAILABLE WITH -P OR -K)

**-SR STRAIN RELIEF**

**TAIL OPTION**  
 -RA: RIGHT ANGLE  
 -SM: SURFACE MOUNT (LEAVE BLANK FOR THRU HOLE)



NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. COPLANARITY TO BE WITHIN .004 [0.10].
3. BURR ALLOWANCE: .0015 [0.038] MAX.
4. MINIMUM PUSHOUT FORCE: .5 LB. [2.22N]
5. MAXIMUM ALLOWABLE BOW: .002 [0.05] INCH/INCH AFTER ASSEMBLY.
6. MAXIMUM PIN ROTATION IN BODY: 2°
7. MEASURE AT BEND
8. DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -LC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:  
 DECIMALS ANGLES  
 .XX: ±.01 [0.3] 2°  
 .XXX: ±.005 [0.13]  
 .XXXX: ±.0020 [0.051]

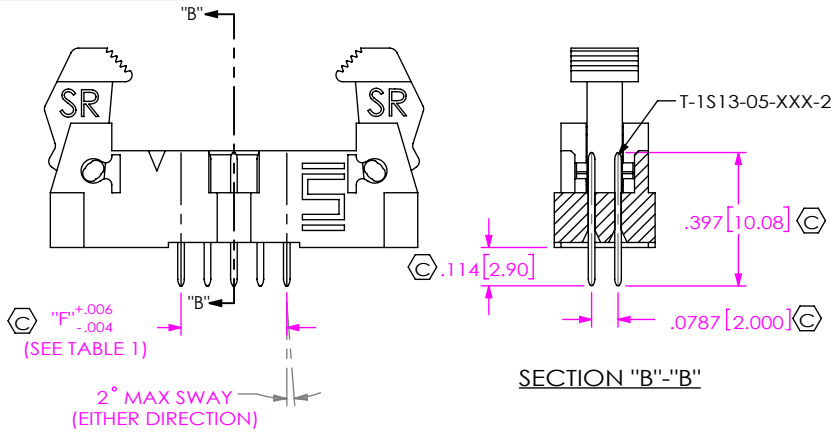
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**MATERIAL:** DO NOT SCALE DRAWING SHEET SCALE: 5:2  
 INSULATOR: VECTRA E130, COLOR: NATURAL  
 TERMINAL: PHOS BRONZE  
 MAX FLASH ALLOWED: .002 [0.05]  
 MAX GATE VESTIGE: .002 [0.05]

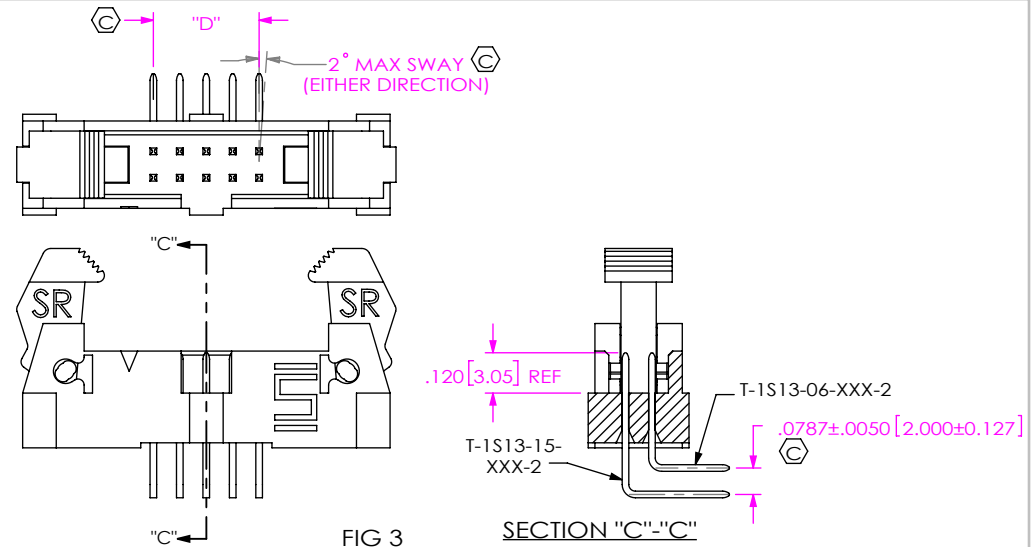
**DESCRIPTION:**  
 EHT EJECTOR HEADER ASSEMBLY  
 DWG. NO. EHT-1XX-01-X-D-XX-SR-XX-XX-X-XX  
 BY: CHADP 08/04/2008 SHEET 1 OF 3



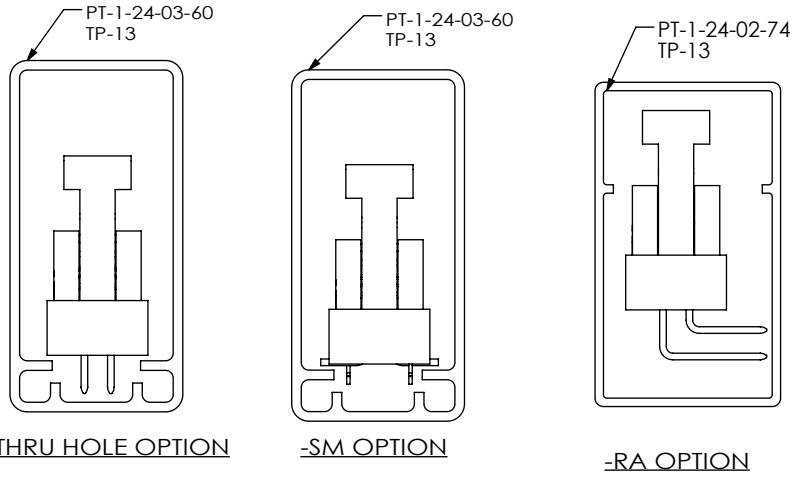
520 PARK EAST BLVD, NEW ALBANY, IN 47150  
 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail: info@SAMTEC.com code: 55322



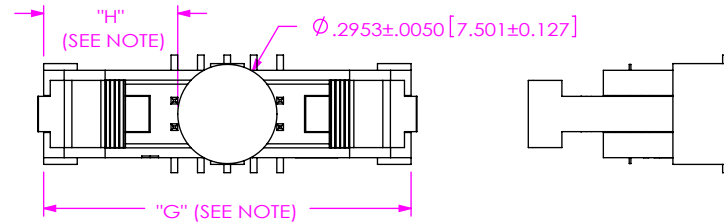
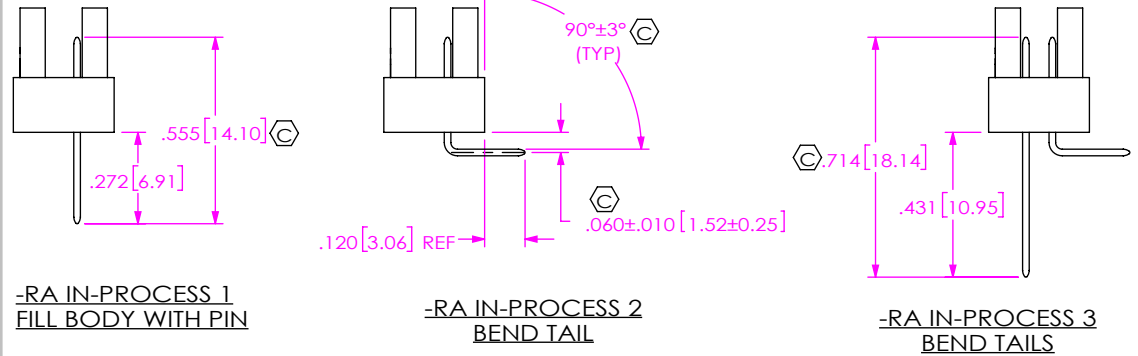
**FIG 2**  
(EHT-105-01-XX-D-SR SHOWN)  
(SAME AS FIG 1 DIFFERENT AS SHOWN)



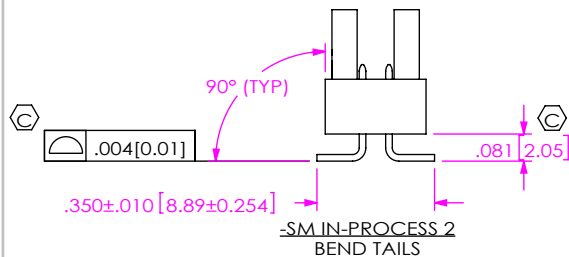
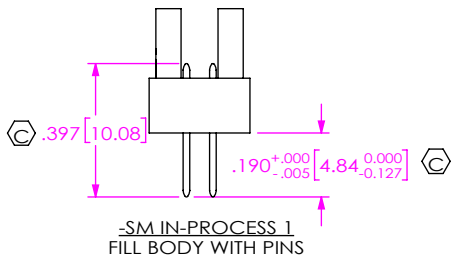
**FIG 3**  
(EHT-105-01-XX-D-RA-SR SHOWN)  
(SAME AS FIG 1 DIFFERENT AS SHOWN)



**PACKAGING VIEWS**  
(LOAD PARTS WITH POSITION #1 INDICATOR  
IN SAME DIRECTION AS ARROW ON TUBE)



**FIG 4**  
-K: OPTION (POLYIMIDE FILM PAD)  
(SAME AS FIG 1 DIFFERENT AS SHOWN)  
NOTE: "G" = USE MEASURED DIMENSION (REF)  
"H" =  $\{ ("G" - .2953 [7.50] ) / 2 \} \pm .020 [0.51]$



F:\DWG\SW\Exisprod\Assembly\2mm\EHT-1XX-01-X-D-XX-SR-XX-XX-X-XX-ASM.slddrw

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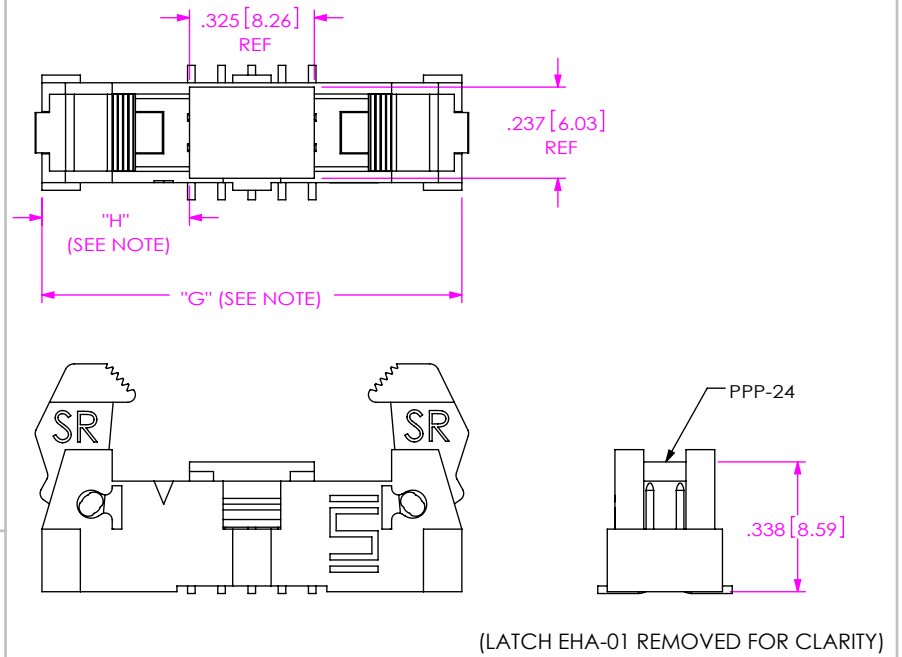
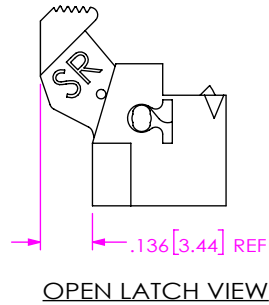
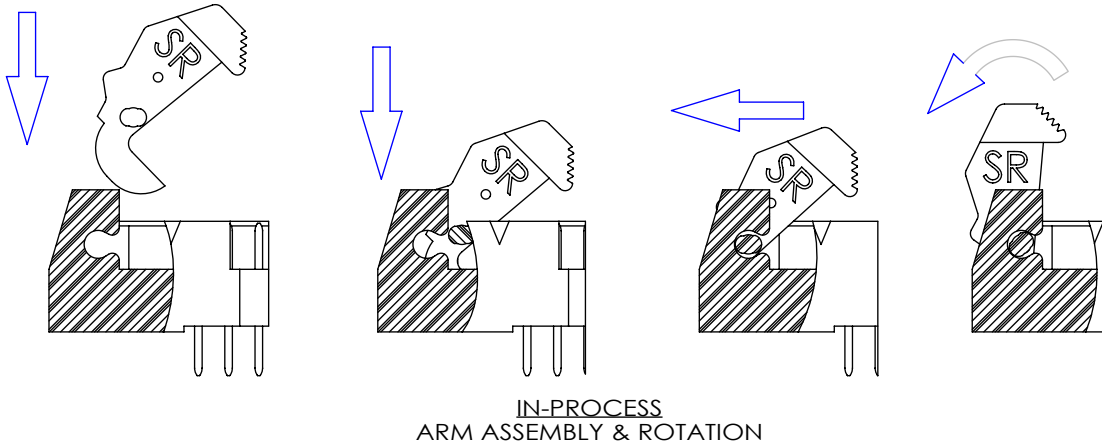
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SHEET SCALE: 1:75:1



520 PARK EAST BLVD, NEW ALBANY, IN 47150  
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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:	EHT EJECTOR HEADER ASSEMBLY	
DWG. NO.	EHT-1XX-01-X-D-XX-SR-XX-XX-X-XX	
BY:	CHADP 08/04/2008	SHEET 2 OF 3

REVISION L



**FIG 5**  
-PPP: PICK AND PLACE PAD  
(SAME AS FIG 1 DIFFERENT AS SHOWN)

NOTE: "G" = USE MEASURED DIMENSION (REF)  
"H" = {"G" -.325[8.26]/2} ±.020[0.51]

**TABLE 1**

No. OF POS.	"A"	"B"	"C"	"D"	"E"	"F"
-05	1.094 [27.79]	0.315 [8.00]	.728 [18.49]	0.315 [8.00]	0.820 [20.83]	0.315 [8.00]
-06	1.173 [29.79]	0.394 [10.00]	.807 [20.49]	0.394 [10.00]	0.899 [22.83]	0.394 [10.00]
-07	1.251 [31.79]	0.472 [12.00]	.885 [22.49]	0.472 [12.00]	0.977 [24.83]	0.472 [12.00]
-08	1.330 [33.79]	0.551 [14.00]	.964 [24.49]	0.551 [14.00]	1.056 [26.83]	0.551 [14.00]
-09	1.409 [35.79]	0.630 [16.00]	1.043 [26.49]	0.630 [16.00]	1.135 [28.83]	0.630 [16.00]
-10	1.488 [37.79]	0.709 [18.00]	1.122 [28.49]	0.709 [18.00]	1.214 [30.83]	0.709 [18.00]
-11	1.566 [39.79]	0.787 [20.00]	1.200 [30.49]	0.787 [20.00]	1.292 [32.83]	0.787 [20.00]
-12	1.645 [41.79]	0.866 [22.00]	1.279 [32.49]	0.866 [22.00]	1.371 [34.83]	0.866 [22.00]
-13	1.724 [43.78]	0.945 [24.00]	1.358 [34.49]	0.945 [24.00]	1.450 [36.83]	0.945 [24.00]
-14	1.803 [45.78]	1.023 [26.00]	1.437 [36.49]	1.023 [26.00]	1.529 [38.83]	1.023 [26.00]
-15	1.881 [47.78]	1.102 [28.00]	1.515 [38.49]	1.102 [28.00]	1.607 [40.83]	1.102 [28.00]
-16	1.960 [49.78]	1.181 [30.00]	1.594 [40.49]	1.181 [30.00]	1.686 [42.83]	1.181 [30.00]
-17	2.039 [51.78]	1.260 [32.00]	1.673 [42.49]	1.260 [32.00]	1.765 [44.83]	1.260 [32.00]
-18	2.117 [53.78]	1.338 [34.00]	1.752 [44.49]	1.338 [34.00]	1.844 [46.83]	1.338 [34.00]
-19	2.196 [55.78]	1.417 [36.00]	1.830 [46.49]	1.417 [36.00]	1.922 [48.83]	1.417 [36.00]
-20	2.275 [57.78]	1.496 [38.00]	1.909 [48.49]	1.496 [38.00]	2.001 [50.83]	1.496 [38.00]
-21	2.353 [59.78]	1.575 [40.00]	1.988 [50.49]	1.575 [40.00]	2.080 [52.83]	1.575 [40.00]
-22	2.432 [61.78]	1.653 [42.00]	2.067 [52.49]	1.653 [42.00]	2.159 [54.83]	1.653 [42.00]
-23	2.511 [63.77]	1.732 [44.00]	2.145 [54.49]	1.732 [44.00]	2.237 [56.83]	1.732 [44.00]
-24	2.590 [65.77]	1.811 [46.00]	2.224 [56.49]	1.811 [46.00]	2.316 [58.83]	1.811 [46.00]
-25	2.668 [67.77]	1.890 [48.00]	2.303 [58.49]	1.890 [48.00]	2.395 [60.83]	1.890 [48.00]

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BY: CHADP 08/04/2008 SHEET 3 OF 3