

REVISION

Y	TZ	T SPINE
10/7/2009	ECN-117998	
NOTE 12, CHANGE *-120 & -150 POSITION... TO *-090, -120, & -150 POSITION...		
Z	GP	T SPINE
2/1/2010	ECN-124385	
SHT 1, NOTE 12: CHG C-269-01-X TO C-269-11-X.		
AA	GP	Z Paden
3/3/2010	ECN-126342	
SHT 1: ADD NOTE 13; PART CALL OUT, -LC OPTION: ADD (SEE NOTE 13).		
AB	JB	M BOONE
6/14/2010	ECN-133060	
SHT 1, NOTES: CHG NOTE 12 *-090, -120 & -150 POSITION... TO *-090, -120, -150 & *-180 POSITION...		
AC	JW	M BOONE
2/24/2011	ECN-149261	
TABLE 1, NO OF POSITION COLUMN: ADD -090; CHG *-030 THRU *-090 TO *-030 THRU *-060*.		
AD	GP	S Carpenter
8/29/2011	ECN-161599	
ADD CPC SYMBOLS AND INSPECTION TABLE, REVISE PLATING CALLOUTS TO LIST THICKNESS / MATCH STANDARDS.		
AE	GP	N PATTERSON
9/20/2013	ECN-212113	
SECTION A-A: ADD .165 +.005 / -.001		
AF	JB	B RAY
4/27/2018	ECN-326534	
TOP VIEW: CHG .1332 TO .1378 & .042 TO .041.		

BSH-XXX-01-X-D-XX-XX

No OF POSITIONS
 -030, -40, -050, -060, -090,
 **120, **150, *-180
 (PER ROW)
 **= SEE NOTE 10

LEAD STYLE
 -01: .1280 [3.25]

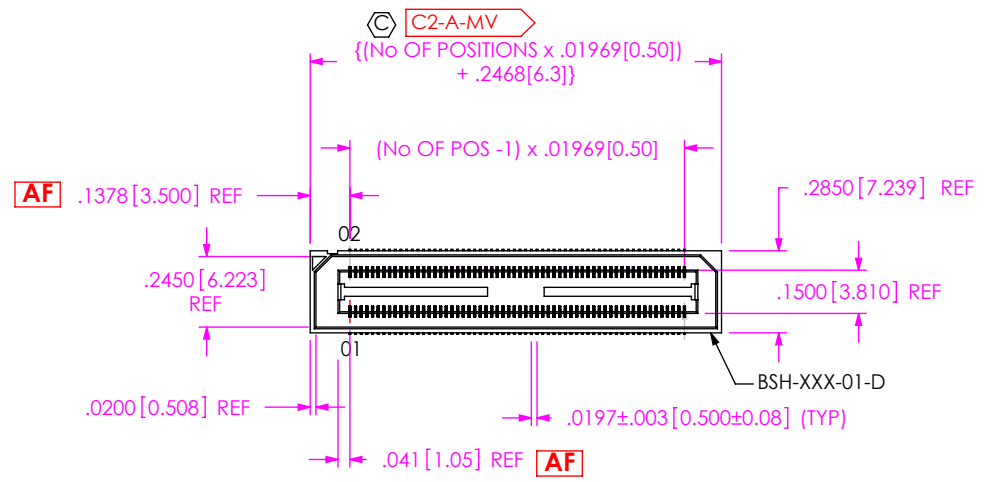
OPTION
 -TR: TAPE & REEL
 (120 POSITION MAX)

OPTION
 -A: ALIGNMENT PINS
 (USE BSH-XXX-01-D-A)
 -LC: LOCKING CLIPS
 (USE LC-08-TM-01) (SEE NOTE 13)

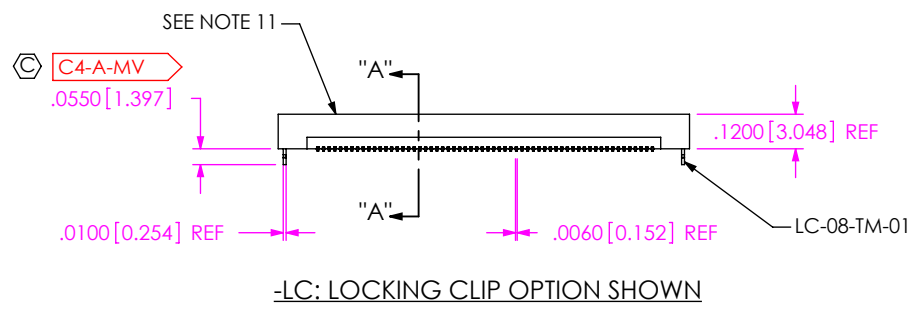
ROW SPECIFICATION
 -D: DOUBLE (USE BSH-XXX-01-D)

PLATING SPECIFICATION

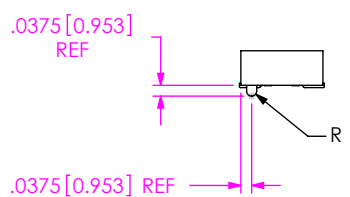
- F: 3µ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAILS (SEE NOTES 7, 9 & 12)
- L: 10µ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAILS (SEE NOTE 9 & 12)
- H: 30µ" HEAVY GOLD IN CONTACT AREA, 3µ" ON TAILS (SEE NOTE 9 & 12)
- C: 50µ" ELECTRO-POLISHED SELECTIVE IN CONTACT AREA, MATTE TIN ON TAILS (SEE NOTE 9 & 12)



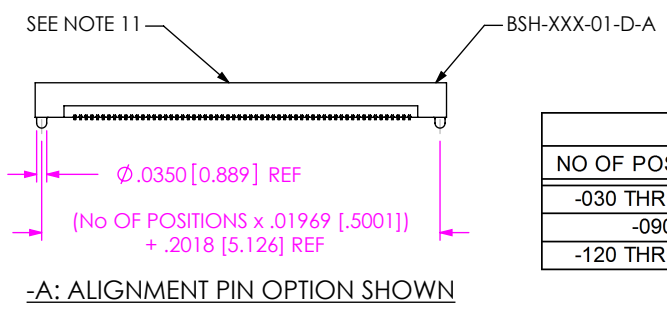
* = NOT RELEASED FOR PRODUCTION



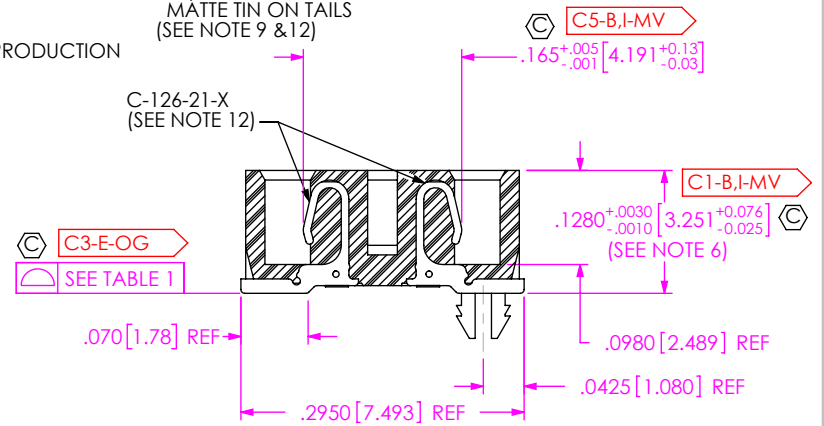
-LC: LOCKING CLIP OPTION SHOWN



NOTES:



-A: ALIGNMENT PIN OPTION SHOWN



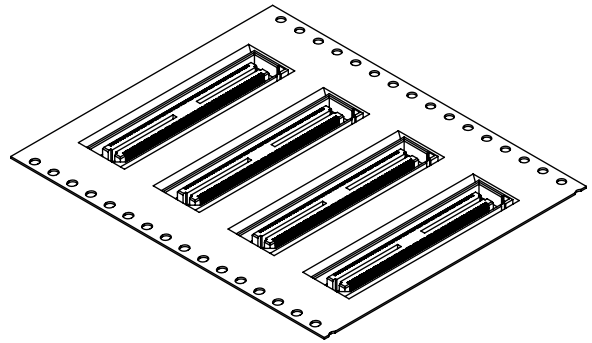
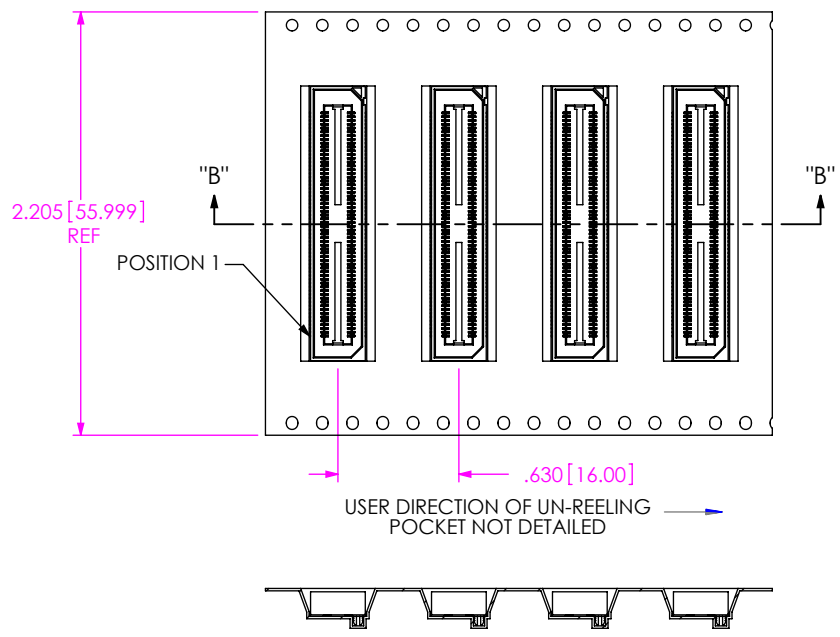
SECTION "A"- "A"
 SCALE 5 : 1

NO OF POSITIONS	COPLANARITY
-030 THRU -060	.004 [0.10]
-090	.0055[0.14]
-120 THRU -180	.006 [0.15]

ASSEMBLY OPERATION	IN-PROCESS INSPECTION INSPECT CODE B
FILL C-126-21-X	C1, C2, C5
ADD -LC OPTION	C4

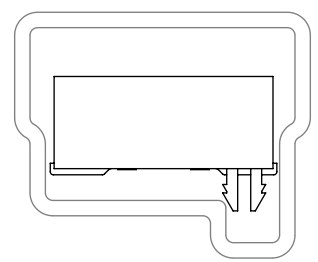
1. **CX-XX** REPRESENTS A CRITICAL DIMENSION.
2. NOTE DELETED.
3. MAXIMUM BURR ALLOWANCE: .0015 [0.038]
4. MINIMUM PUSHOUT FORCE: 6 OZ
5. MAXIMUM ALLOWABLE BOW: .002 [0.05] INCH/INCH AFTER ASSEMBLY.
6. MAXIMUM VARIENCE OF .002[0.05]
7. -L PLATING CAN BE SUBSTITUED FOR -F PLATING.
8. ASP-65067-01 IS A BSH-050-01-L-D-A, WITH OR WITHOUT -TR.
9. MAY SUBSTITUTE C-126-01-X FOR C-126-21-X.
10. FOR NEWAPPLICATIONS REQUIRING THESE POSITIONS, PLEASE CONTACT SAMTEC INTERCONNECT PROCESSING GROUP.
11. SIDE WALLS MAY BE RIBBED TO AVOID BOW
12. -090, -120, -150 & *-180 POSITION PARTS USE C-269-11-X. DO NOT SUB C-126-XX-X.
13. 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: $\pm .01$ [0.25] .XXX: $\pm .005$ [0.13] .XXXX: $\pm .0020$ [0.050]	PROPRIETARY NOTE * THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.	520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail - info@SAMTEC.com code 55322
		MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 3:2 FLAMMABILITY RATING: UL 94V-0 INSULATOR: BLACK LCP CONTACT: PHOS BRONZE



SECTION "B"- "B"
SCALE 1 : 1

TAPE AND REEL PACKAGING VIEW



TUBE PACKAGING VIEW
[PARTS TO HAVE POSITION #1 LOADED
IN SAME DIRECTION AS ARROW]

TUBE: PT-1-24-02-78
PLUG: TP-09

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DO NOT SCALE DRAWING
SHEET SCALE: 1.5:1

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

DESCRIPTION:
.5mm DOUBLE ROW SOCKET ASSEMBLY

DWG. NO. **BSH-XXX-01-X-D-XX-XX**

BY: DEAN P 06/08/1999 SHEET 2 OF 2