

DO NOT SCALE FROM THIS PRINT

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

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

**TAPE & REEL**  
 (SEE NOTES 14 & 15)  
 -TR: TAPE & REEL  
 (120 POSITION MAX)  
 -FR: FULL REEL QTY. TAPE & REEL  
 (120 POSITION MAX)

**LEAD STYLE**  
 -01: .1280 [3.25]

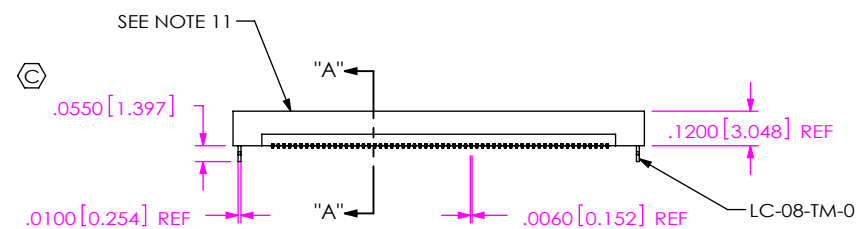
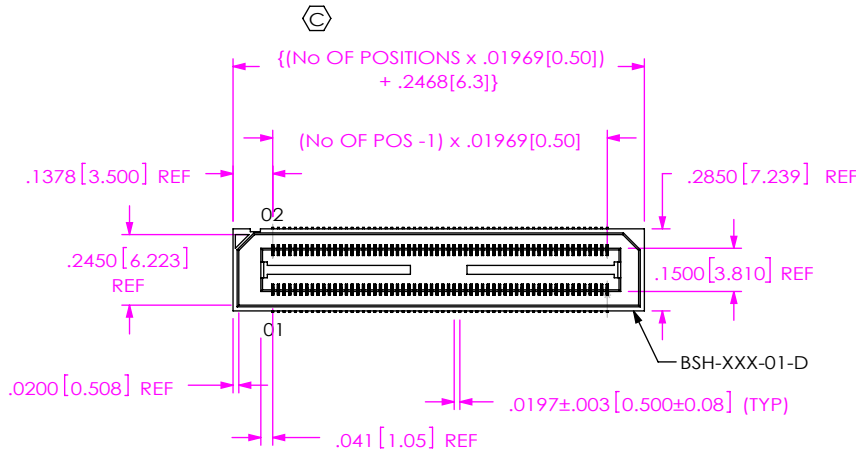
**OPTION**  
 -A: ALIGNMENT PINS  
 (USE BSH-XXX-01-D-A)  
 -LC: LOCKING CLIPS  
 (USE LC-08-TM-01) (SEE NOTE 13)

**PLATING SPECIFICATION**

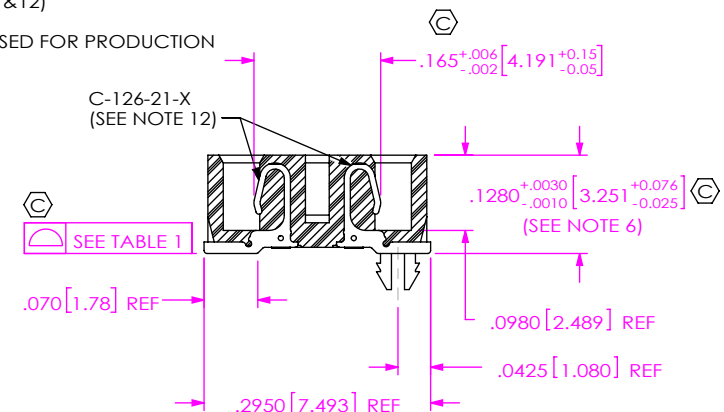
-F: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAILS (SEE NOTES 7, 9 & 12)  
 -L: 10μ" LIGHT SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAILS (SEE NOTE 9 & 12)  
 -H: 30μ" HEAVY GOLD IN CONTACT AREA, 3μ" ON TAILS (SEE NOTE 9 & 12)  
 -C: 50μ" ELECTRO-POLISHED SELECTIVE IN CONTACT AREA,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

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

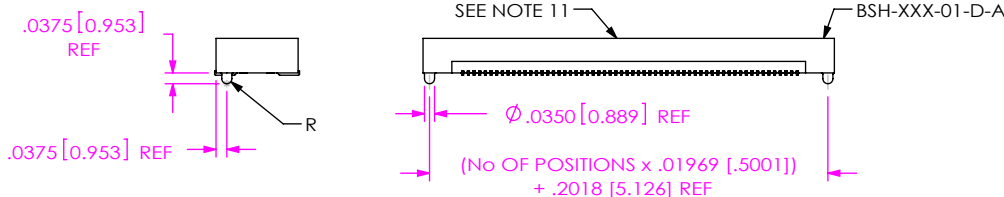
\* = NOT RELEASED FOR PRODUCTION



-LC: LOCKING CLIP OPTION SHOWN



SECTION "A"- "A"  
 SCALE 4 : 1



-A: ALIGNMENT PIN OPTION SHOWN

NOTES:

1.  $\text{C}$  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 VARIANCE OF .002[0.05]
7. -L PLATING CAN BE SUBSTITUTED 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.
14. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON [WWW.SAMTEC.COM](http://WWW.SAMTEC.COM).
15. ATTACH LABEL -4X2 TO EACH REEL.

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:  
 DECIMALS ANGLES  
 .XX:  $\pm .01$  [0.25] 2°  
 .XXX:  $\pm .005$  [0.13]  
 .XXXX:  $\pm .0020$  [0.050]

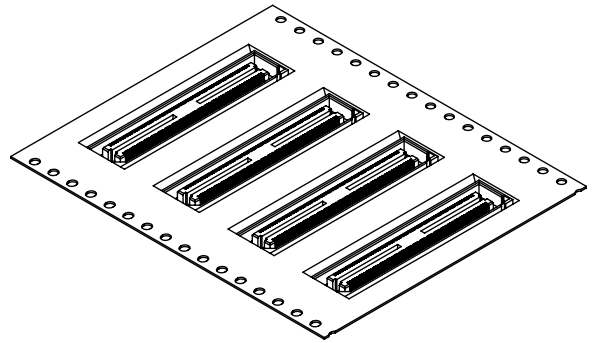
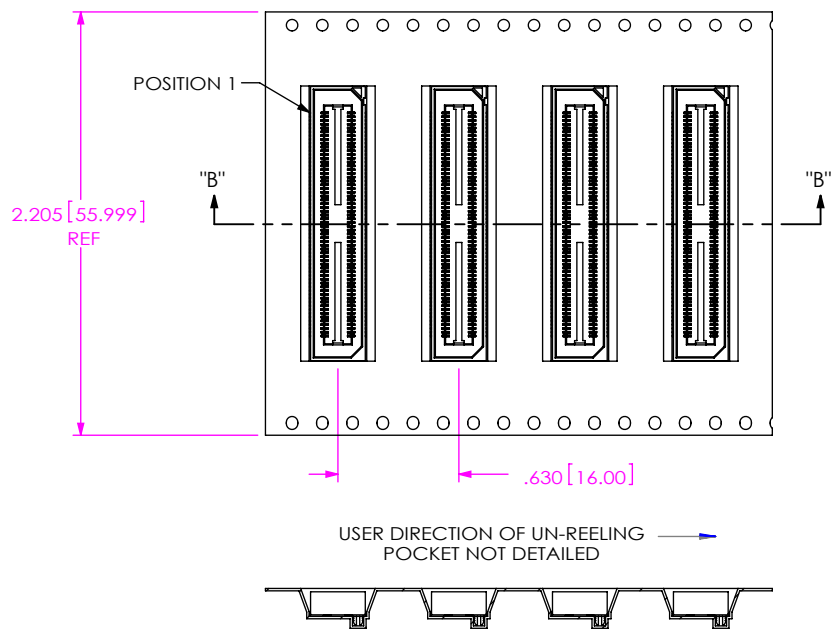
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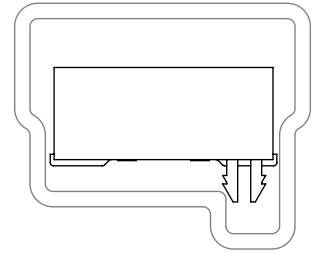
**MATERIAL:** DO NOT SCALE DRAWING SHEET SCALE: 3:2  
 FLAMMABILITY RATING: UL 94V-0  
 INSULATOR: BLACK LCP  
 CONTACT: PHOS BRONZE

DESCRIPTION:  
 .5mm DOUBLE ROW SOCKET ASSEMBLY  
 DWG. NO.  
**BSH-XXX-01-X-D-XX-XX**



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



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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