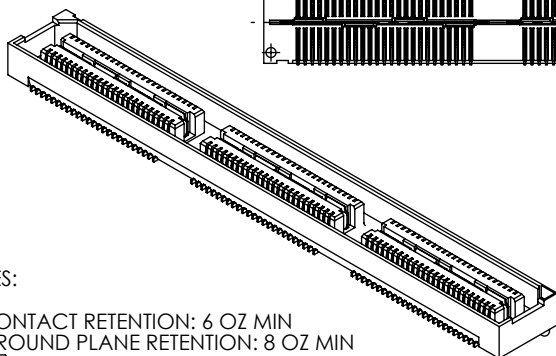
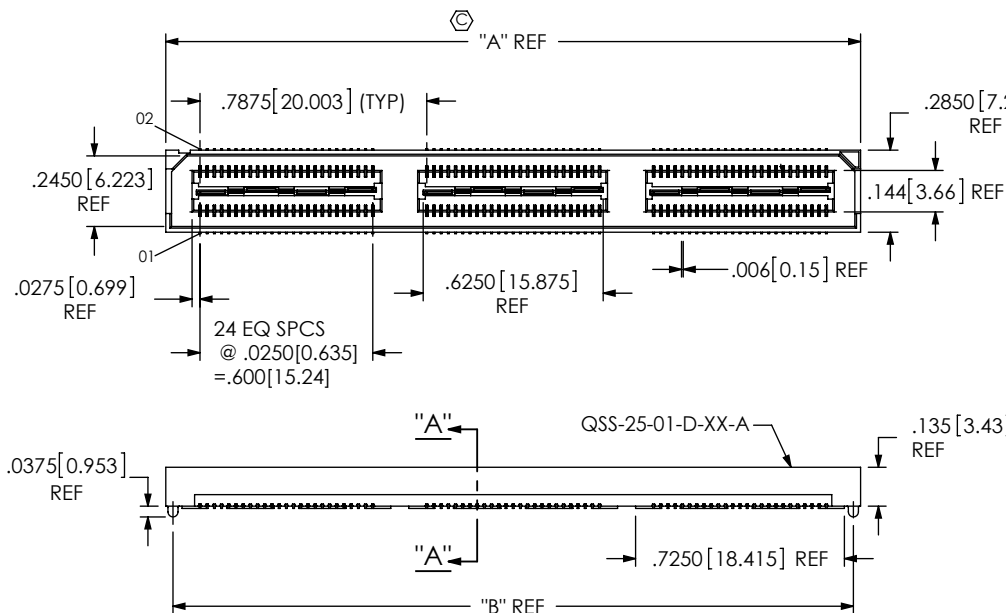


DO NOT  
SCALE FROM  
THIS PRINT



NOTES:

1. CONTACT RETENTION: 6 OZ MIN
2. GROUND PLANE RETENTION: 8 OZ MIN
3. Ⓢ REPRESENTS A CRITICAL DIMENSION.
4. PARTS ARE MOLD TO POSITION.
5. NOTE DELETED.
6. MAX VARIANCE OF .002[0.05].
7. DIMENSION APPLIES TO CONTACTS AND GROUND PLANES, INDEPENDENT OF GROUND PLANES AND CONTACTS RESPECTIVELY.
8. -L PLATING CAN BE SUBSTITUTED FOR -F PLATING.
9. GROUND PLANE PRESS HEIGHT MUST BE .003[0.08] LESS THAN THE MAX HEIGHT OR .001[0.03] GREATER THAN THE MINIMUM HEIGHT OF THE TERMINALS.
10. FOR NEW APPLICATIONS REQUIRING THESE POSITIONS, PLEASE CONTACT SAMTEC INTERCONNECT PROCESSING GROUP.
11. FOR -100 AND -125 POSITIONS USE C-269-11-X, DO NOT SUB C-126-01-X.
12. 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.
13. CHECK ONCE PER BANK ALTERNATING SIDES FOR MULTIPLE BANK PARTS.

FIG 1

-A: ALIGNMENT PIN OPTION  
(QSS-075-01-XXX-D-A SHOWN)

QSS-XXX-XX-XXX-D-XXX

No OF POSITIONS  
-025, -050, -075,  
\*-100, \*-125

\*SEE NOTES 10 & 11

LEAD STYLE  
-01: .1430[3.632]

PLATING SPECIFICATION

- (SEE NOTES 8 & 11)
- F: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE C-126-21-F & T-1G2-01-F) (SEE NOTE 8)
  - L: 10μ" LIGHT SELECTIVE GOLD, IN CONTACT AREA, MATTE TIN ON TAIL (USE C-126-21-L & T-1G2-01-L)
  - H: 30μ" HEAVY GOLD IN CONTACT AREA, 3μ" GOLD ON TAIL (USE C-126-21-H & T-1G2-01-G)
  - C: 50μ" HEAVY GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE C-126-21-C & T-1G2-01-L)
  - STL: 30μ" HEAVY SELECTIVE GOLD IN CONTACT AREA, TIN LEAD ON TAIL (USE C-126-21-STL & T-1G2-01-STL)
  - FTL: 3μ" FLASH SELECTIVE GOLD IN CONTACT AREA, TIN LEAD ON TAIL (USE C-126-21-FTL & T-1G2-01-FTL)

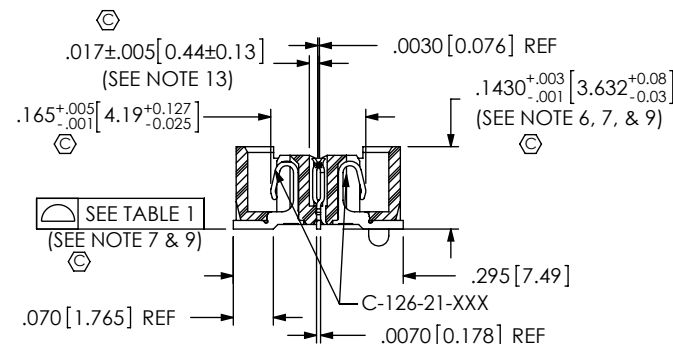
OPTION

- A: ALIGNMENT PINS (USE QSS-25-XX-D-XX-A) (NOT AVAILABLE WITH -LC)
- LC: LOCKING CLIPS (SEE NOTE 12) (USE LC-08-TM-01, SEE FIG 2, SHT 2) (NOT AVAILABLE WITH -A)
- K: POLYIMIDE FILM PAD (USE K-DOT-.325-.450-.005) (SEE FIG 3, SHT 2)
- TR: TAPE & REEL (75 POS MAX) (50 POS MAX FOR -GP)
- GP: GUIDE POSTS (USE QSS-25-01-D-XX-X-GP) (SEE FIG 4, SHT 3) (NOT AVAILABLE WITH -LS2)
- LS2: LOCKING SCREW (USE QSS-25-01-D-XX-LS2) (SEE FIG 5, SHT 3) (NOT AVAILABLE WITH -GP) (FOR MATING WITH QTS-...-RA-...-LS2)

ROW SPECIFICATION

-D: DOUBLE (USE QSS-25-XX-D-XX)

No OF BANKS



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

TABLE 2		
No OF POS	"A"	"B"
-025	.838 [21.27]	.788 [20.00]
-050	1.625 [41.28]	1.575 [40.01]
-075	2.413 [61.28]	2.363 [60.01]
-100	3.200 [81.28]	3.150 [80.01]
-125	3.988 [101.28]	3.938 [100.01]

TABLE 1	
No OF POSITIONS	COPLANARITY (INCLUDING GND PLANE)
-025 THRU -050	.0040[.102]
-075 THRU -125	.0060[.152]

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES[MM]

TOLERANCES ARE:

DECIMALS ANGLES  
.XX: ±.01[.3] 2°  
.XXX: ±.005[.13]  
.XXXX: ±.0020[.051]

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MATERIAL: DO NOT SCALE DRAWING  
INSULATOR: LCP, UL94V-0; COLOR: BLACK  
CONTACT: PHOS BRONZE  
GROUND PLANE: PHOS BRONZE

SHEET SCALE: 1.5:1

**samtec**

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

DESCRIPTION:  
.635mm DOUBLE ROW HS SOCKET ASSEMBLY

DWG. NO.  
**QSS-XXX-XX-XXX-D-XXX**

BY: DEAN P 6/28/1999 SHEET 1 OF 3

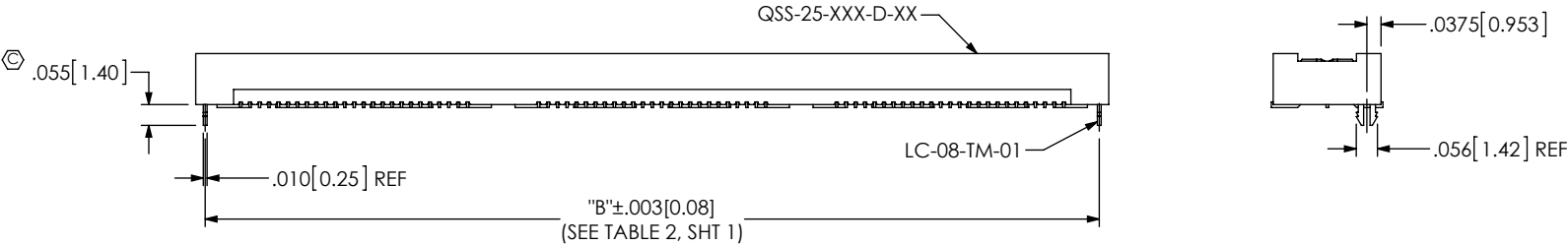


FIG 2  
-LC: LOCKING CLIP OPTION  
(QSS-075-01-XXX-D-LC SHOWN)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

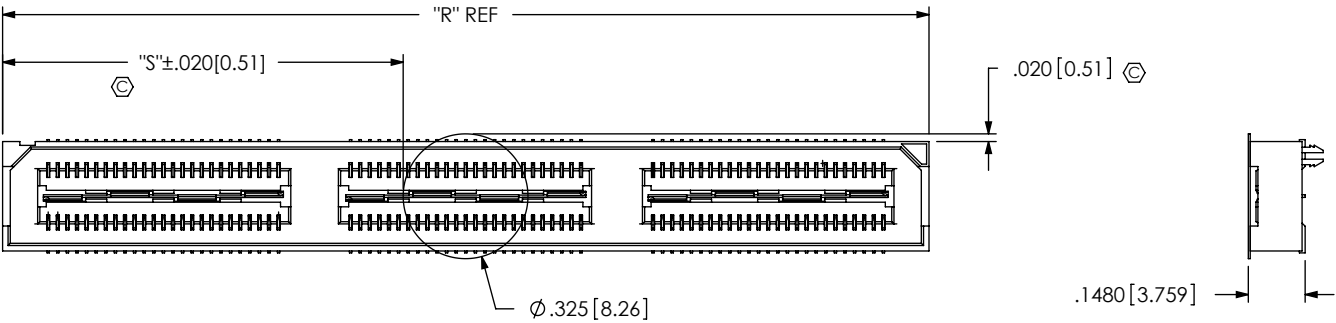


FIG 3  
-K: POLYIMIDE FILM PAD  
(USE K-DOT-.325-.450-.005)

TABLE 3						
No OF POS	"R"			"S"		
	-LC, -A	-GP	-LS2	-LC, -A	-GP	-LS2
-025	.838 [21.27]	1.217 [30.90]	1.338 [33.97]	.256 [6.51]	.446 [11.32]	.506 [12.86]
-050	1.625 [41.28]	2.004 [50.90]	2.125 [53.98]	.650 [16.51]	.840 [21.32]	.900 [22.86]
-075	2.413 [61.28]	2.792 [70.90]	2.913 [73.98]	1.044 [26.51]	1.233 [31.32]	1.294 [32.86]
-100	3.200 [81.28]	3.579 [90.91]	3.700 [93.98]	1.438 [36.51]	1.627 [41.33]	1.688 [42.86]
-125	3.988 [101.28]	4.367 [110.91]	4.488 [113.98]	1.831 [46.51]	2.021 [51.33]	2.081 [52.86]

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SHEET SCALE: 2:1

**samtec**

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

DESCRIPTION:  
.635mm DOUBLE ROW HS SOCKET ASSEMBLY  
DWG. NO. QSS-XXX-XX-XXX-D-XXX  
BY: DEAN P 6/28/1999 SHEET 2 OF 3

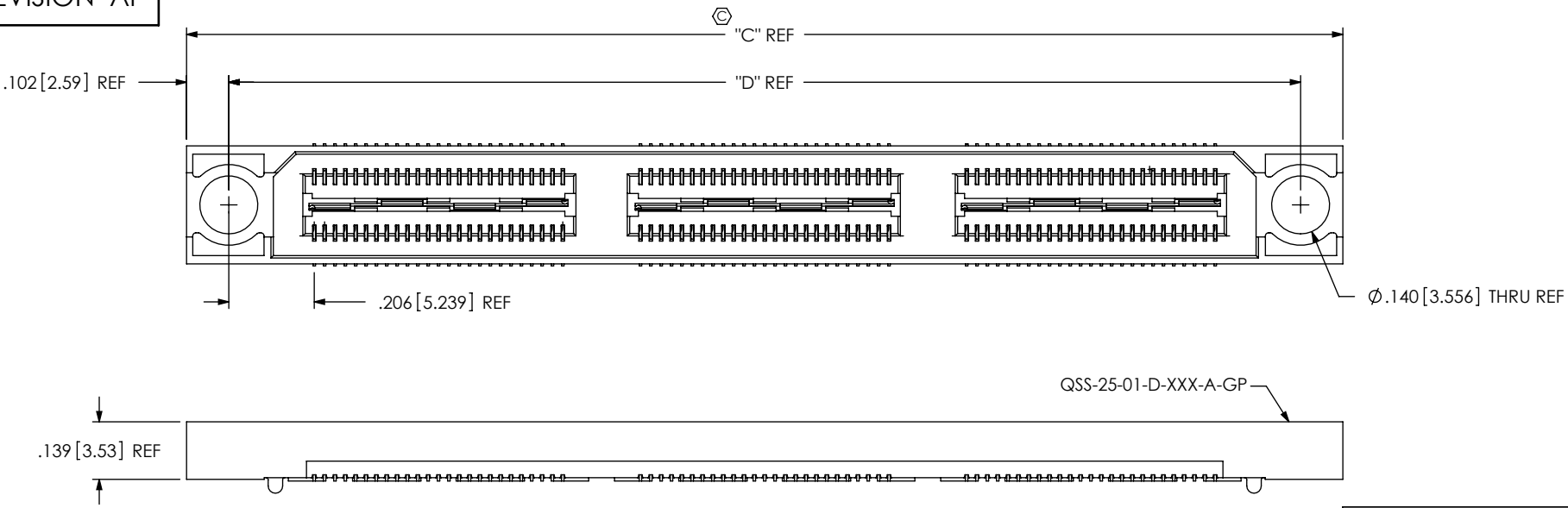


FIG 4  
-GP: GUIDE POST OPTION  
(QSS-075-01-XXX-D-GP SHOWN)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)  
(50 POS MAX FOR TAPE & REEL OFFERING)

TABLE 4		
POS	"C"	"D"
-025	1.217 [30.90]	1.013 [25.72]
-050	2.004 [50.90]	1.800 [45.72]
-075	2.792 [70.90]	2.588 [65.72]
-100	3.579 [90.91]	3.375 [85.73]
-125	4.367 [110.91]	4.163 [105.73]

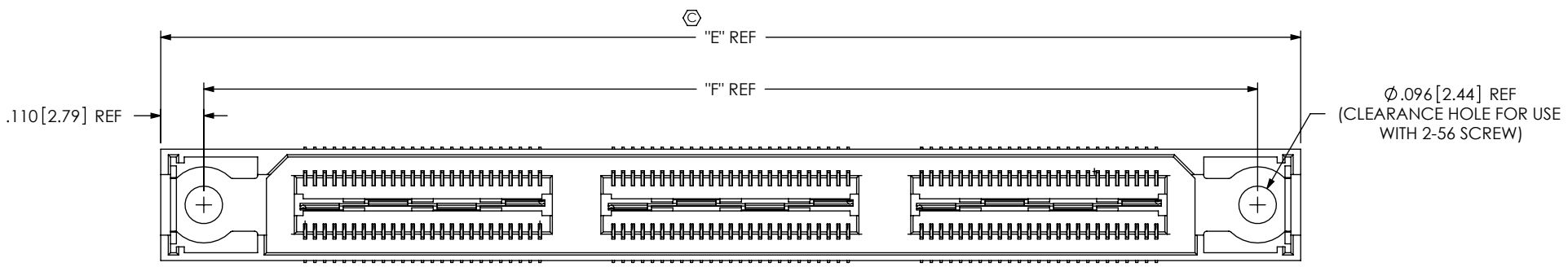


FIG 5  
-LS2: LOCKING SCREW OPTION  
(QSS-075-01-XXX-D-LS2 SHOWN)  
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)  
(NOT AVAILABLE WITH -GP OPTION)

TABLE 5		
POS	"E"	"F"
-025	1.338 [33.97]	1.118 [28.38]
-050	2.125 [53.98]	1.905 [48.39]
-075	2.913 [73.98]	2.693 [68.39]
-100	3.700 [93.98]	3.480 [88.39]
-125	4.488 [113.98]	4.268 [108.39]

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SHEET SCALE: 2.5:1

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DWG. NO. QSS-XXX-XX-XXX-D-XXX

BY: DEAN P 6/28/1999 SHEET 3 OF 3