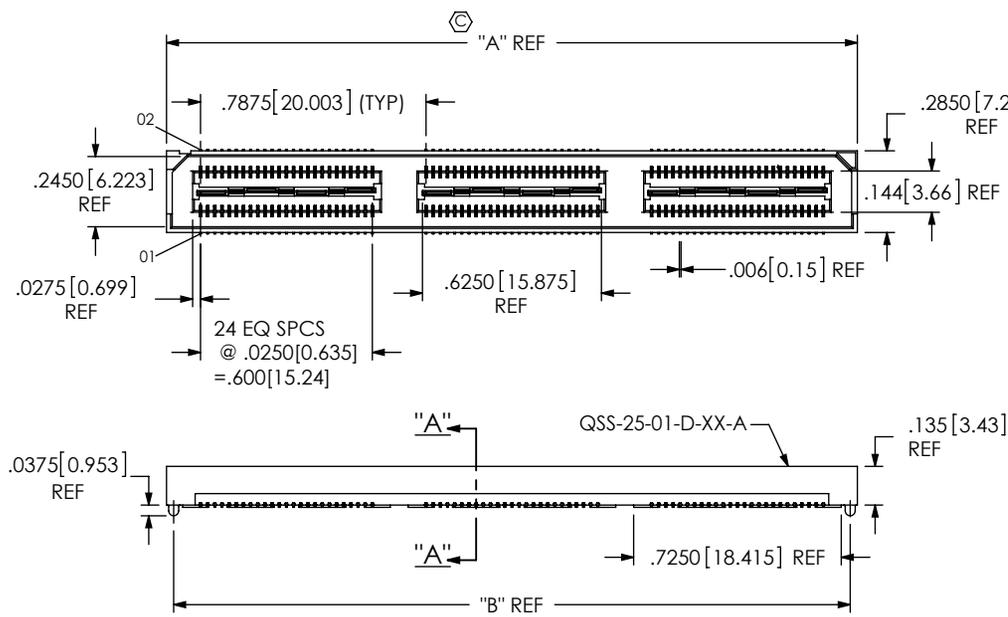
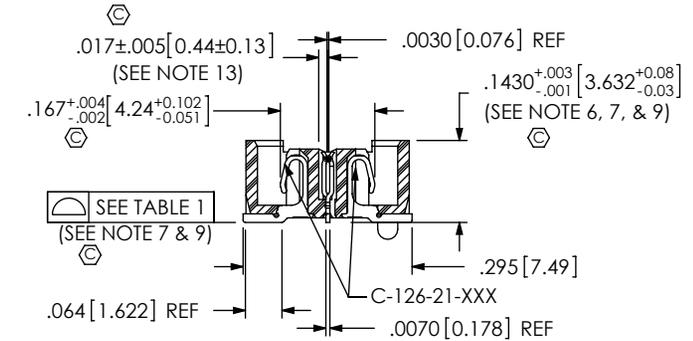
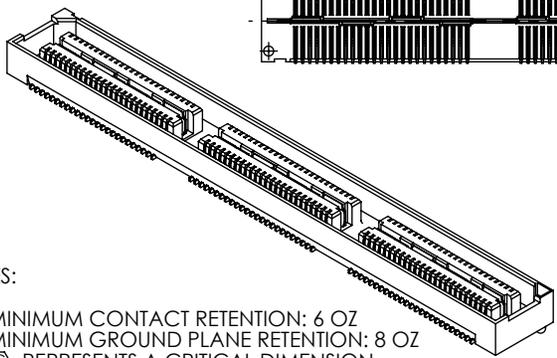


DO NOT SCALE FROM THIS PRINT

QSS-XXX-XX-XXX-D-XXX



- No OF POSITIONS  
-025, -050, -075,  
\*-100, \*-125
- \*SEE NOTES 10, 11 & 14
- 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

- NOTES:
1. MINIMUM CONTACT RETENTION: 6 OZ
  2. MINIMUM GROUND PLANE RETENTION: 8 OZ
  3. Ⓢ REPRESENTS A CRITICAL DIMENSION.
  4. PARTS ARE MOLD TO POSITION.
  5. NOTE DELETED.
  6. MAXIMUM 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.
  14. AVAILABLE FOR EXISTING CUSTOMERS ONLY.

FIG 1  
-A: ALIGNMENT PIN OPTION  
(QSS-075-01-XXX-D-A SHOWN)

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]

\* = SEE NOTES 10, 11 & 14

No OF POSITIONS	COPLANARITY (INCLUDING GND PLANE)
-025 THRU -050	.0040 [102]
-075, *-100, *-125	.0060 [152]

\* = SEE NOTES 10, 11 & 14

<p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES[MM]</p> <p>TOLERANCES ARE:</p> <p>DECIMALS ANGLES</p> <p>.XX: ±.01 [3] 2°</p> <p>.XXX: ±.005 [13]</p> <p>.XXXX: ±.0020 [051]</p>	<p>PROPRIETARY NOTE</p> <p>THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.</p>	<p>520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail info@SAMTEC.com code 55322</p>



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

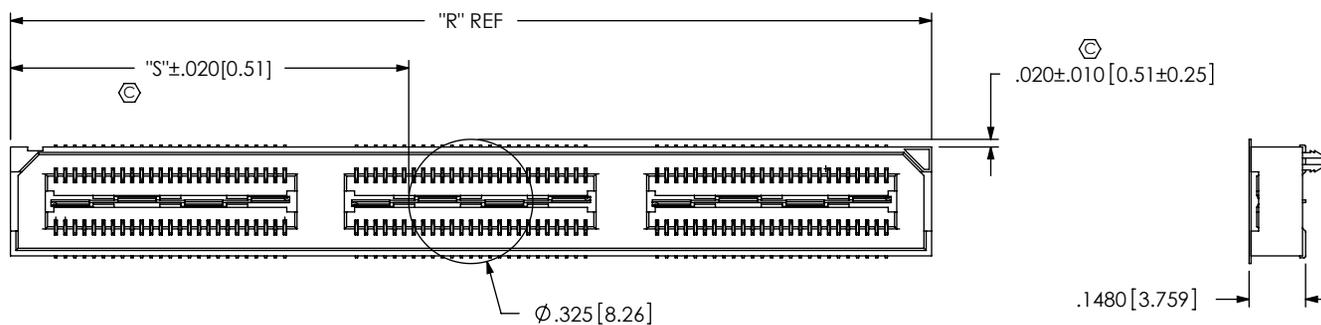
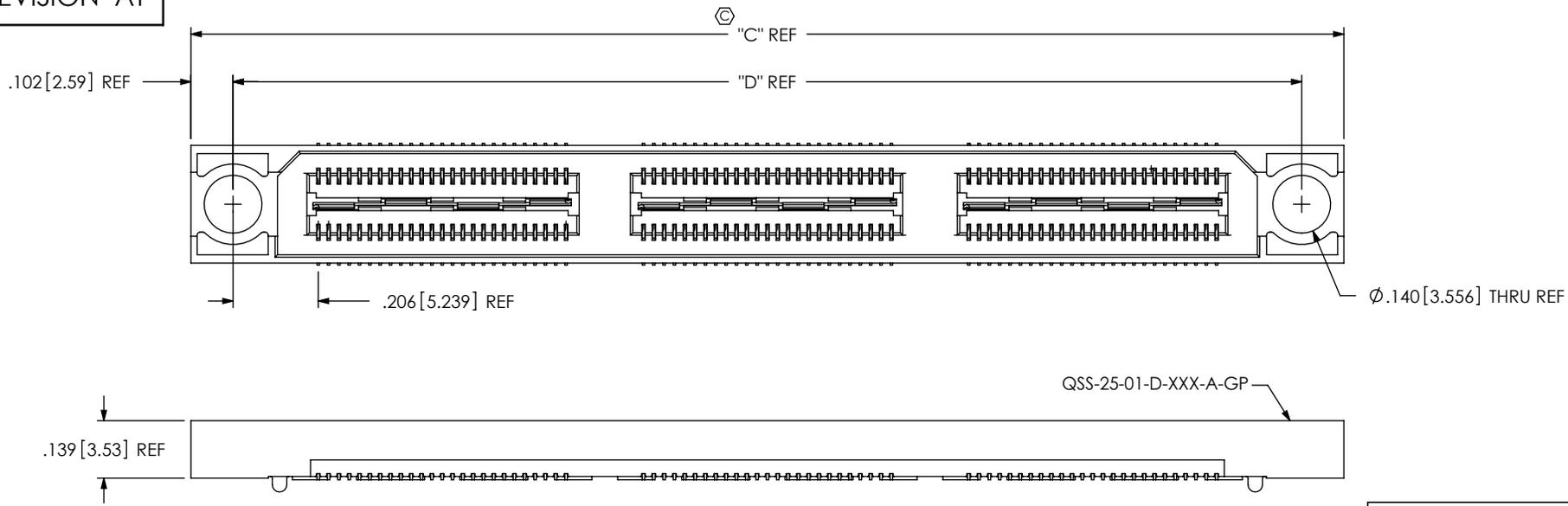


FIG 3  
 -K: POLYIMIDE FILM PAD  
 (USE K-DOT-.325-.450-.005)

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]

\* = SEE NOTES 10, 11 & 14

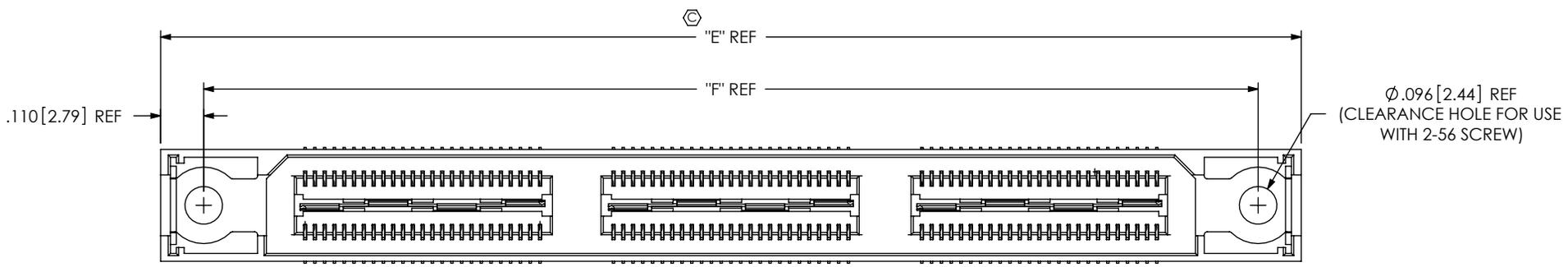
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	DESCRIPTION: .635mm DOUBLE ROW HS SOCKET ASSEMBLY	
	DWG. NO. QSS-XXX-XX-XXX-D-XXX	
	BY: DEAN P	6/28/1999



**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)

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]

\* = SEE NOTES 10, 11 & 14



**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)

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]

\* = SEE NOTES 10, 11 & 14

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DO NOT SCALE DRAWING

SHEET SCALE: 2.5:1

**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 3 OF 3