

DO NOT  
SCALE FROM  
THIS PRINT

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, *-100, *-125	.0060[.152]

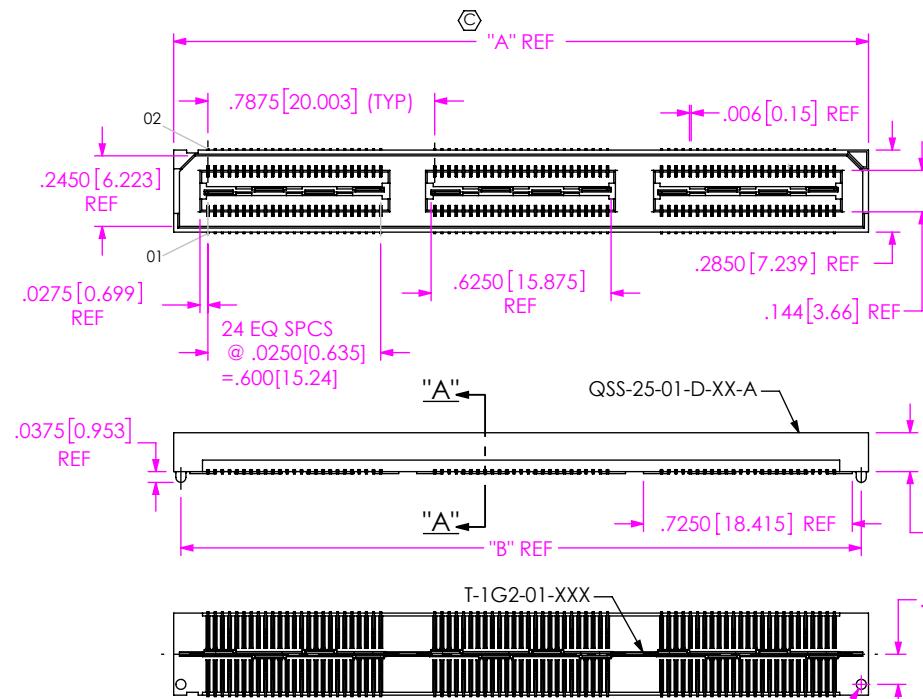


FIG 1  
-A: ALIGNMENT PIN OPTION  
(QSS-075-01-XXX-D-A SHOWN)

## NOTES:

1. MINIMUM CONTACT RETENTION: 6 OZ
2. MINIMUM GROUND PLANE RETENTION: 8 OZ
3.  $\odot$  REPRESENTS A CRITICAL DIMENSION.
4. PARTS ARE MOLD TO POSITION.
5. NOTE DELETED.
6. NOTE DELETED.
7. NOTE DELETED.
8. -L PLATING CAN BE SUBSTITUTED FOR -F PLATING.
9. NOTE DELETED.
10. NOTE DELETED.
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.
15. TRAYS ARE STANDARD PACKAGING.
16. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
17. ATTACH LABEL -4X2 TO EACH REEL.
18. ANY CHANGES TO SHOULD ALSO BE APPLIED TO QSE, QSS, BSH, BSE, AND BSS.
19. DIMENSION MEASURED, ON EACH BANK, FROM A PLANE CREATED FROM THE SIGNAL PINS.
20. COPLANARITY INCLUDES SIGNAL PINS AND GROUND PLANES.

QSS-XXX-XX-XXX-D-XXX-X-XX

No OF POSITIONS

-025, -050, -075,  
\*-100, \*-125

\*SEE NOTES 11 &amp; 14

LEAD STYLE

-01: .1430[3.632]

## PLATING SPECIFICATION

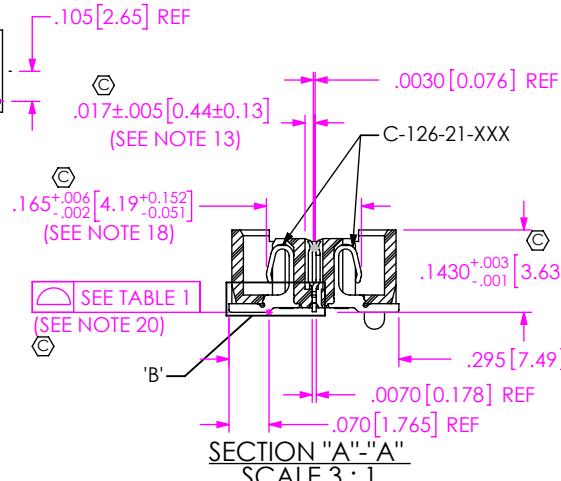
(SEE NOTES 8 &amp; 11)

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

## ROW SPECIFICATION

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

No OF BANKS

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES[MM]

TOLERANCES ARE:

DECIMALS

ANGLES

.001[.025]

.005[.13]

.0020.051

.001

## \* PROPRIETARY NOTE \*

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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

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-X-XX

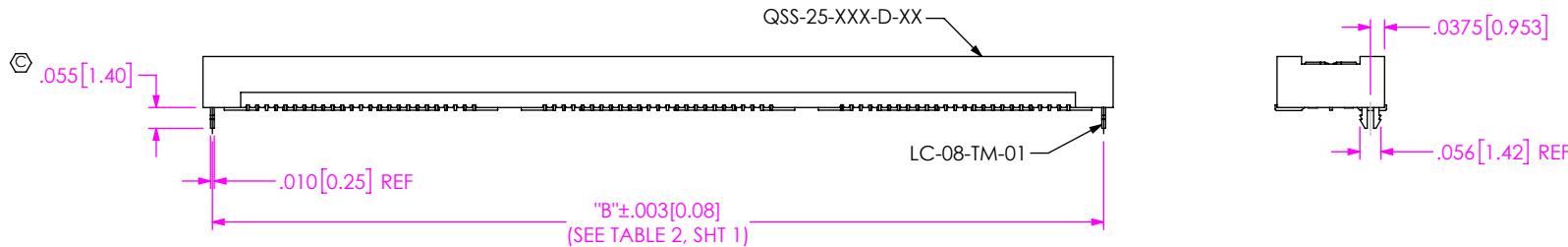
BY: DEAN P 6/28/1999 SHEET 1 OF 3

.635mm DOUBLE ROW HS SOCKET ASSEMBLY

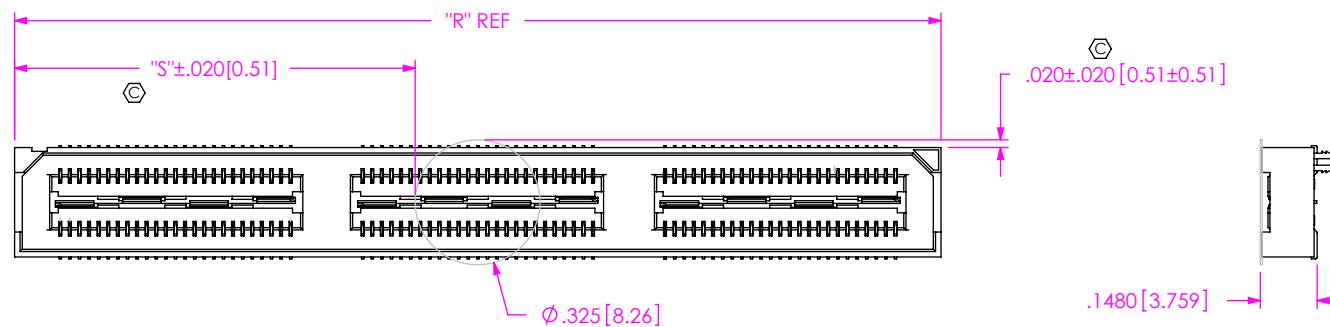
DWG. NO.

QSS-XXX-XX-XXX-D-XXX-X-XX

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)

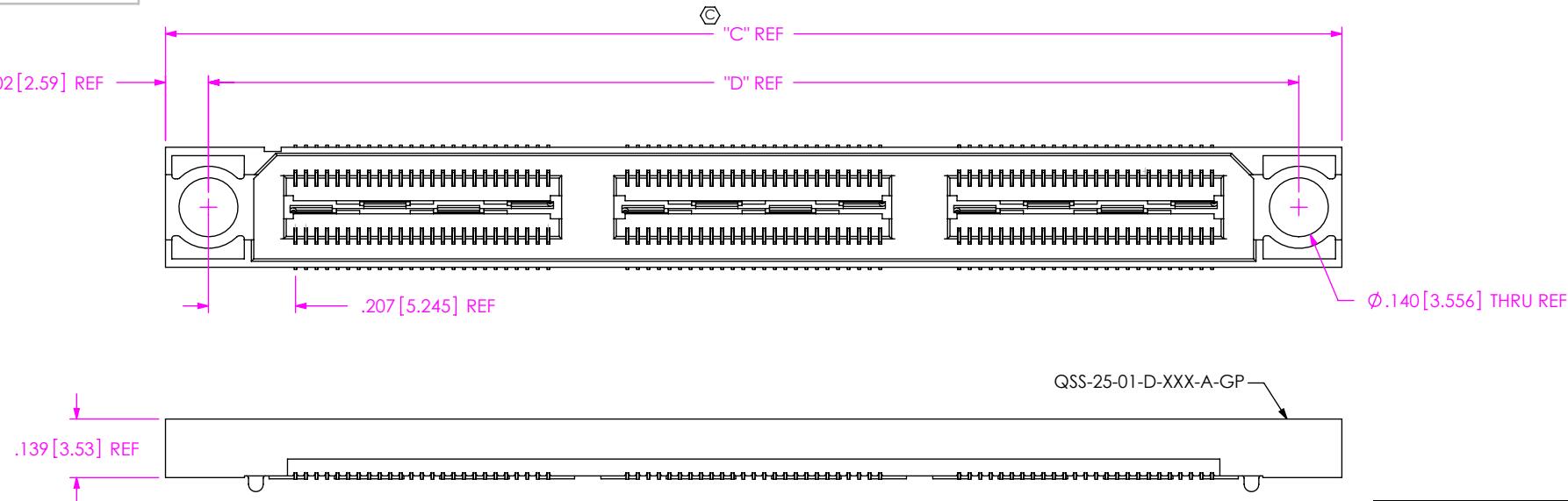
No OF POS	"R"			"S"		
	-LC, -A	-GP	-LS2	-LC, -A	-GP	-LS2
-025	.838 [21.27]	1.217 [30.90]	1.338 [33.97]	.256 [6.51]	.446 [11.32]	.506 [12.86]
-050	1.625 [41.28]	2.004 [50.90]	2.125 [53.98]	.650 [16.51]	.840 [21.32]	.900 [22.86]
-075	2.413 [61.28]	2.792 [70.90]	2.913 [73.98]	1.044 [26.51]	1.233 [31.32]	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

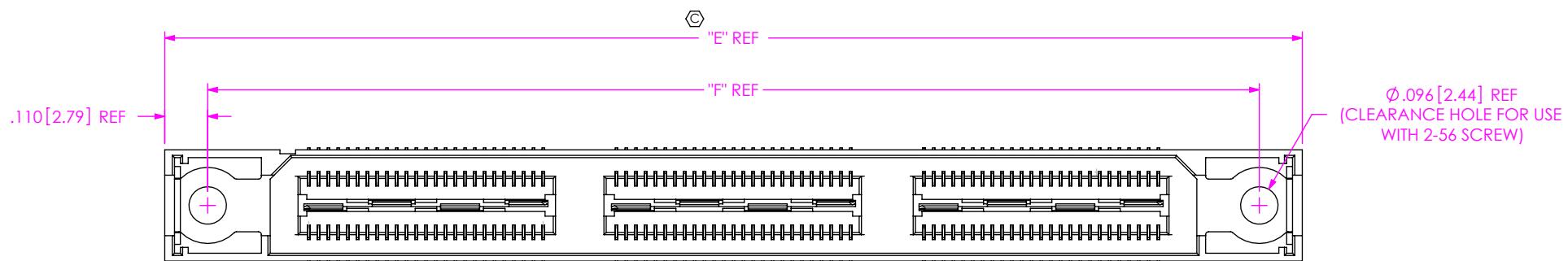
**Samtec**  
 520 PARK EAST BLVD, NEW ALBANY, IN 47150  
 PHONE: 812-944-6733 FAX: 812-948-5047  
 e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:  
 .635mm DOUBLE ROW HS SOCKET ASSEMBLY  
 DWG. NO.  
**QSS-XXX-XX-XXX-D-XXX-X-XX**  
 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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 e-Mail: info@SAMTEC.com code 55322

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 DWG. NO. QSS-XXX-XX-XXX-D-XXX-X-XX  
 BY: DEAN P 6/28/1999 SHEET 3 OF 3