

DO NOT
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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]

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

No OF POSITIONS

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

*SEE NOTES 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)

ROW SPECIFICATION

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

No OF BANKS

PACKAGING

BLANK: TRAY (SEE NOTES 15 & 16)
-TR: TAPE & REEL (SEE NOTES 16&17)
-FR: FULL REEL QTY TAPE & REEL (SEE NOTES 16&17)
(-TR & -FR PACKAGING AVAILABLE FOR 75 POS MAX, 50 POS MAX FOR -GP)

PICK AND PLACE OPTION

-K: POLYIMIDE FILM PAD (USE K-DOT-.325-.450-.005) (SEE FIG 3, SHT 2)

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)
-GP: GUIDE POSTS (SEE FIG 4, SHT 3) (USE QSS-25-01-D-XX-X-GP) (NOT AVAILABLE WITH -LS2)
-LS2: LOCKING SCREW (SEE FIG 5, SHT 3) (USE QSS-25-01-D-XX-LS2) (NOT AVAILABLE WITH -GP) (FOR MATING WITH QTS-...-RA-..LS2)

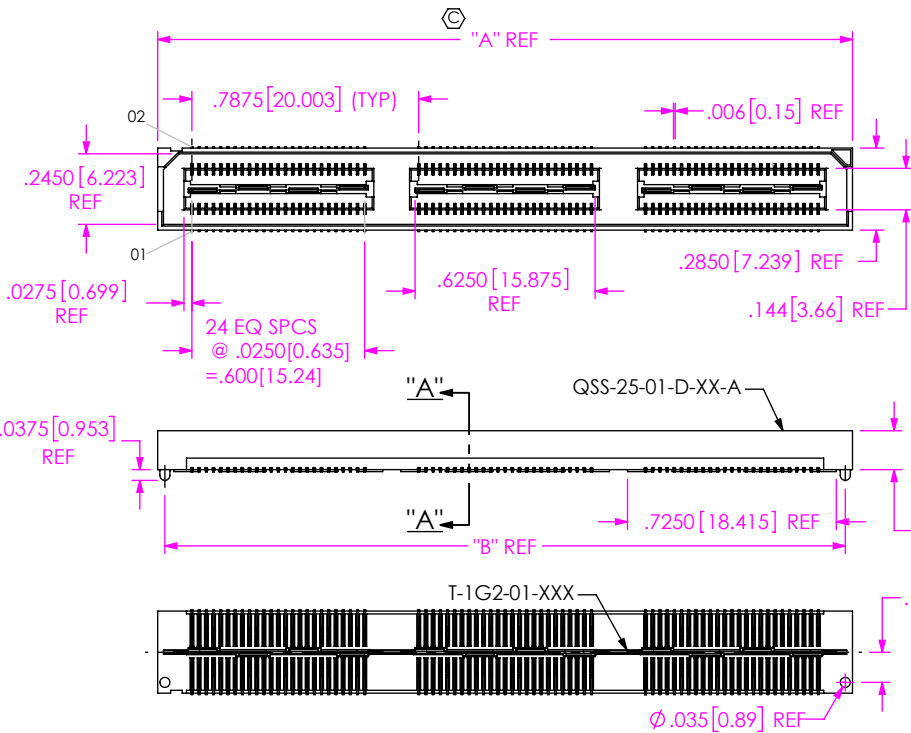
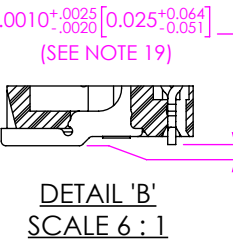
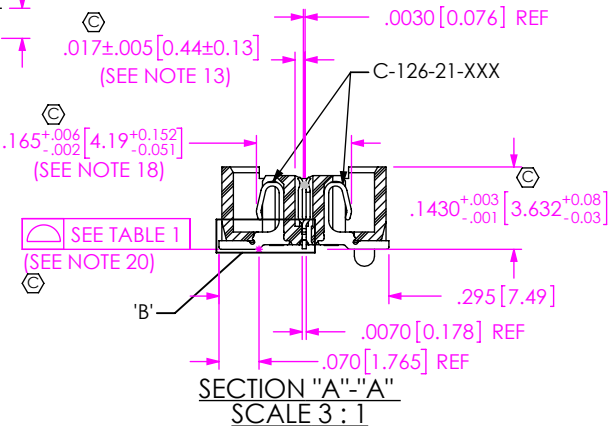


FIG 1
-A: ALIGNMENT PIN OPTION
(QSS-075-01-XXX-D-A SHOWN)



- NOTES:
1. MINIMUM CONTACT RETENTION: 6 OZ
 2. MINIMUM GROUND PLANE RETENTION: 8 OZ
 3. Ⓢ 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.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES[MM] TOLERANCES ARE: DECIMALS ANGLES .XX: ±.01[.3] 2° .XXX: ±.005[.13] .XXXX: ±.0020[.051]		* 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.	
MATERIAL: DO NOT SCALE DRAWING INSULATOR: LCP, UL94V-0; COLOR: BLACK CONTACT: PHOS BRONZE GROUND PLANE: PHOS BRONZE		SHEET SCALE: 1.5:1 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	

c:\enterprise\va\DWG\MISC\MKTG\QSS-XXX-XX-XXX-D-XXX-X-XX-MKT.SLDRW



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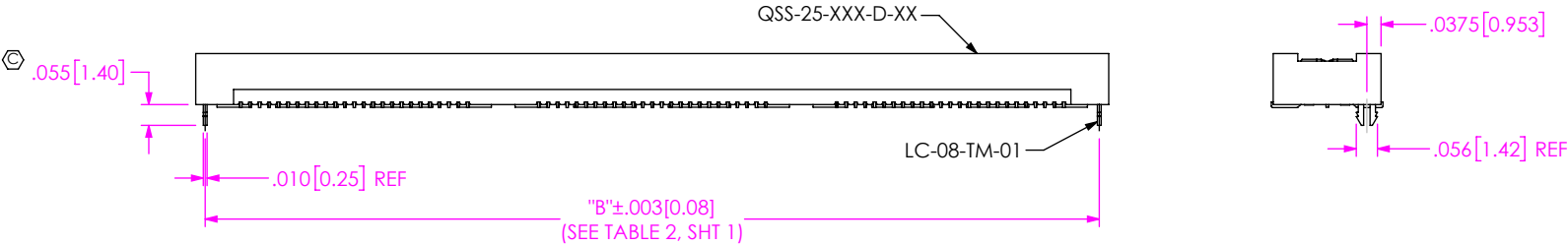


FIG 2
-LC: LOCKING CLIP OPTION
(QSS-075-01-XXX-D-LC SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

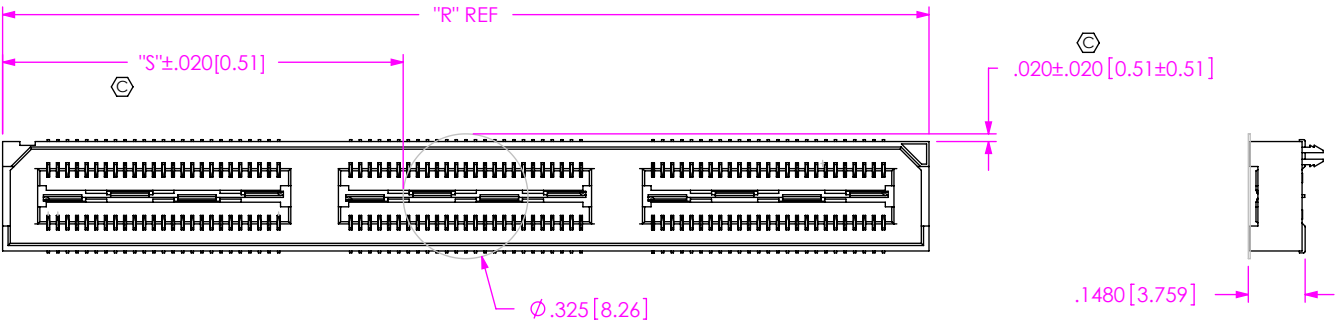


FIG 3
-K: POLYIMIDE FILM PAD
(USE K-DOT-.325-.450-.005)

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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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

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

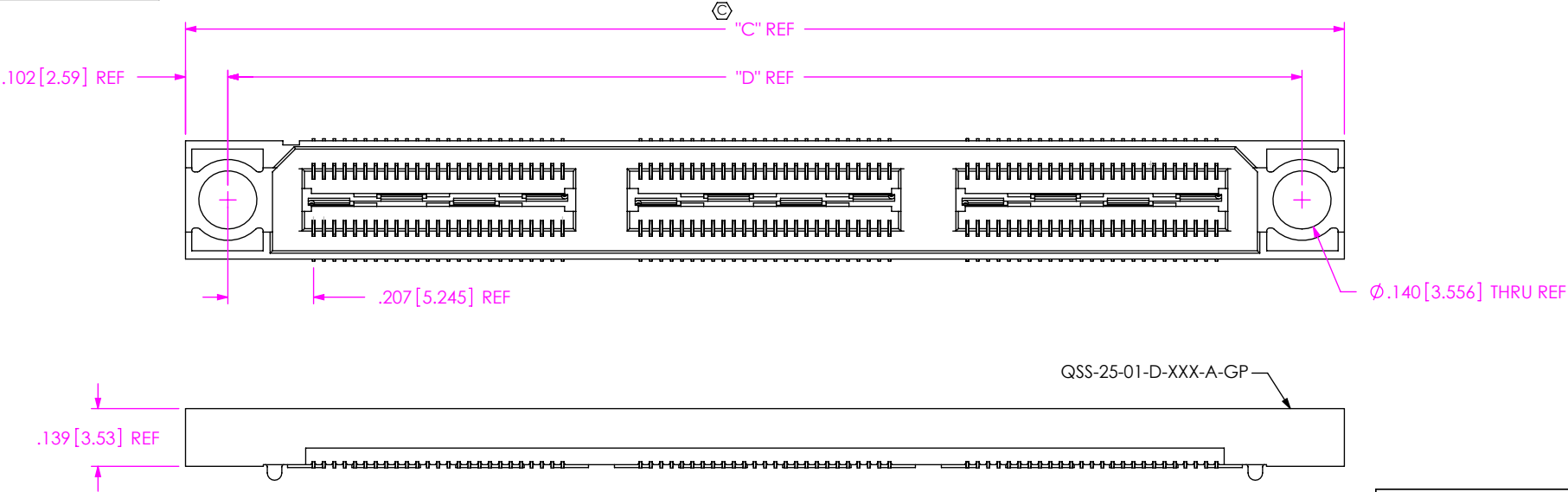


FIG 4
-GP: GUIDE POST OPTION
(QSS-075-01-XXX-D-GP SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(50 POS MAX FOR TAPE & REEL OFFERING)

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]

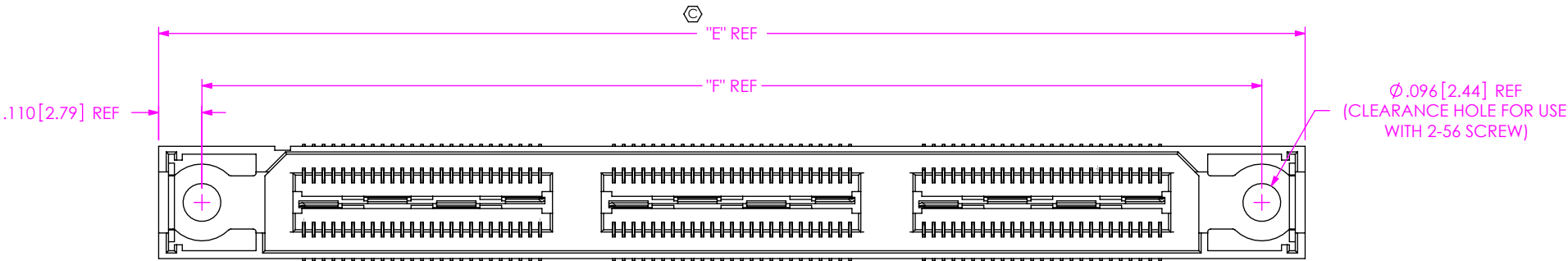


FIG 5
-LS2: LOCKING SCREW OPTION
(QSS-075-01-XXX-D-LS2 SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(NOT AVAILABLE WITH -GP OPTION)

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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DO NOT SCALE DRAWING

SHEET SCALE: 2.5:1

DESCRIPTION:
.635mm DOUBLE ROW HS SOCKET ASSEMBLY

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

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