

DO NOT
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THIS PRINT

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

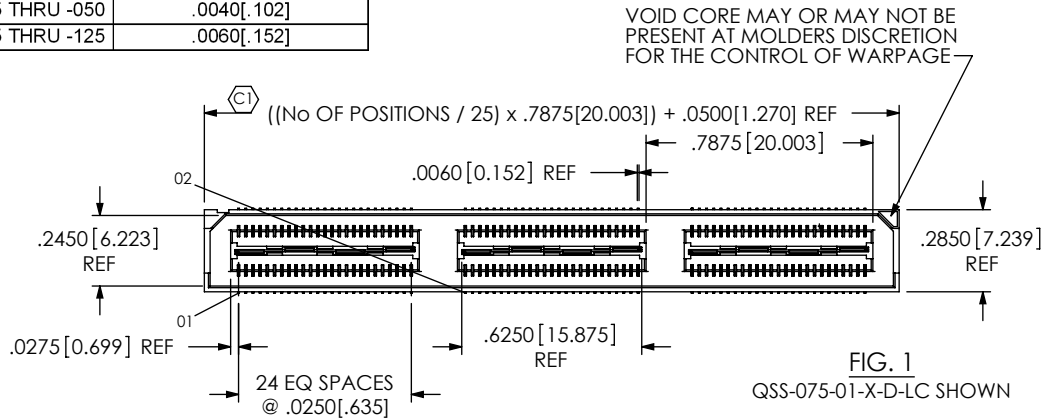
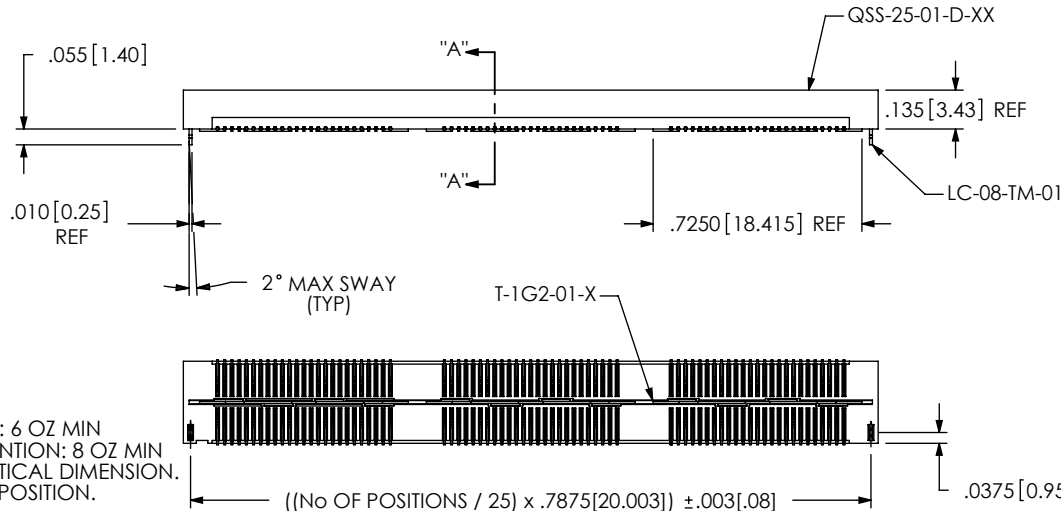


FIG. 1
QSS-075-01-X-D-LC SHOWN



-LC: LOCKING CLIP OPTION SHOWN

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 WAS DELETED.
6. MAX VARIANCE OF .002[.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[.08] LESS THAN THE MAX HEIGHT OR .001[.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.

TABLE 2: PLATING SPECIFICATION

OPTION	CONTACT		CONTACT CALLOUT	GROUND PLANE		GROUND PLANE CALLOUT
	CONTACT AREA	REMAINDER		CONTACT AREA	REMAINDER	
-F	.000003 GOLD	.000150 MIN MATTE TIN	C-126-21-F	.000003 GOLD	.000150 MIN MATTE TIN	T-1G2-01-F
-L	.000010 GOLD	.000150 MIN MATTE TIN	C-126-21-L	.000010 GOLD	.000150 MIN MATTE TIN	T-1G2-01-L
-H	.000030 GOLD	.000003 GOLD	C-126-21-H	.000010 GOLD	.000003 GOLD	T-1G2-01-G
-C	.000050 GOLD	.000150 MIN MATTE TIN	C-126-21-C	.000010 GOLD	.000150 MIN MATTE TIN	T-1G2-01-L

QSS-XXX-XX-X-D-XXX

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

*SEE NOTES 10 & 11

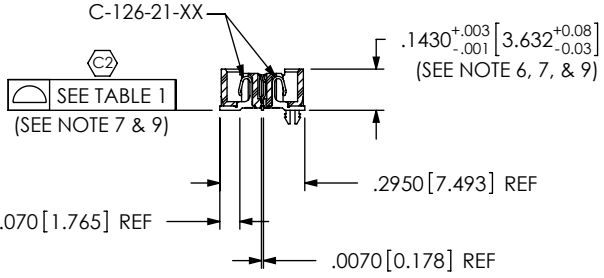
LEAD STYLE
-01: .1430[3.632]

PLATING SPECIFICATION
(SEE TABLE 2)

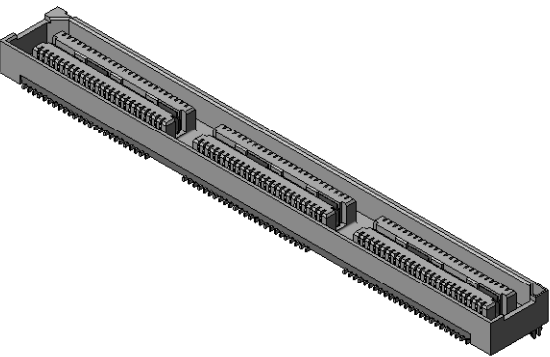
- OPTION
- A: ALIGNMENT PINS (USE QSS-25-XX-D-XX-A)
 - LC: LOCKING CLIPS (USE LC-08-TM-01)
 - K: POLYIMIDE FILM PAD (USE K-DOT-.325-.450-.005) (SEE FIG. 2, SHEET 2)
 - TR: TAPE & REEL (75 POS MAX) (50 POS MAX FOR -GP)
 - GP: GUIDE POSTS (USE QSS-25-01-D-XX-X-GP) (SEE FIG. 3, SHEET 3)
 - LS2: LOCKING SCREW (USE QSS-25-01-D-XX-LS2) (FOR MATING WITH QTS-...-RA-...LS2)

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

No OF BANKS



SECTION "A-A"



UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES[MM]
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01[.3]
.XXX: ±.005[.13]
.XXXX: ±.0020[.051]

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

F:\DWG\SW\EXISPROD\ASSEMBLY\PT635MM\QSS-XXX-XX-X-D-XXX-ASM.SLDDRW



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-X-D-XXX

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

-A: ALIGNMENT PIN OPTION SHOWN

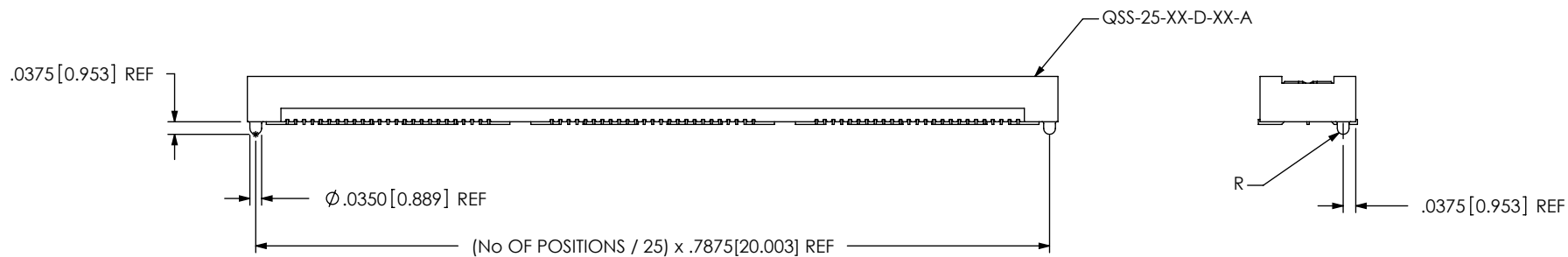
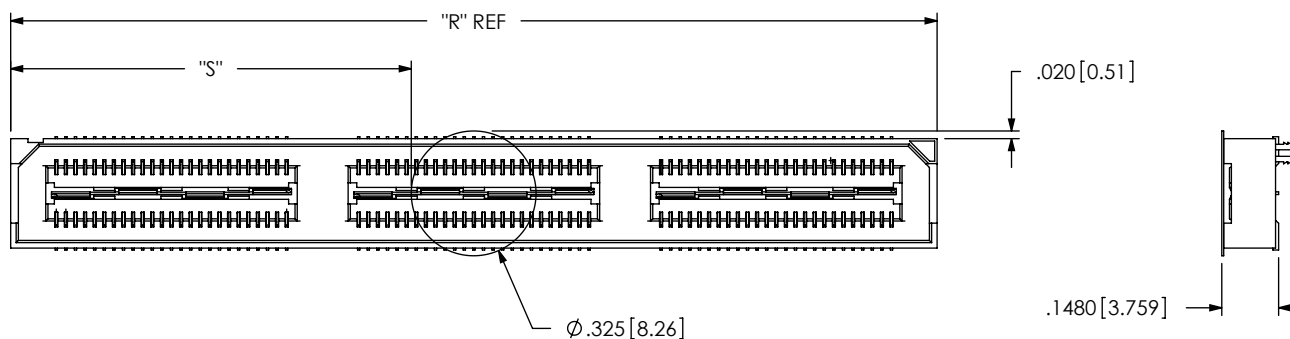


FIG. 2
-K: POLYIMIDE FILM PAD
(USE K-DOT-.325-.450-.005)



NOTE: "R" = $((\text{No OF POSITIONS}/25) \times .7875 [20.003]) + .0500 [1.270]$ AS MEASURED
"S" = $((\text{"R"} - .325 [8.26]) / 2) \pm .020 [0.51]$

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SHEET SCALE: 2:1

samtec

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.635mm DOUBLE ROW HS SOCKET ASSEMBLY

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

BY: DEAN P 6/28/1999 SHEET 2 OF 3

FIG. 3

-GP: GUIDE POSTS OPTION
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1]

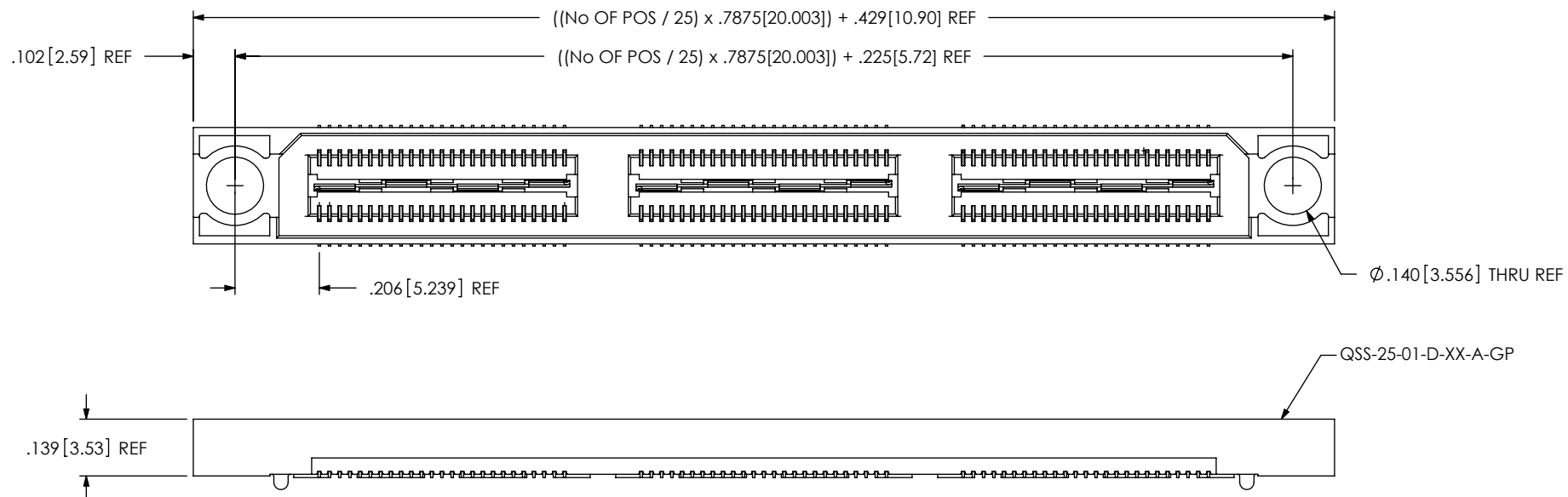
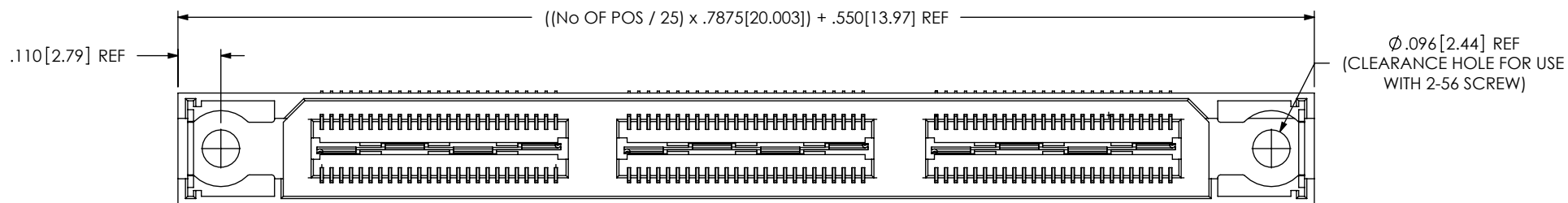


FIG. 4

-LS2: LOCKING SCREW OPTION
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1]



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SHEET SCALE: 2.5:1

samtec

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6/28/1999

SHEET 3 OF 3