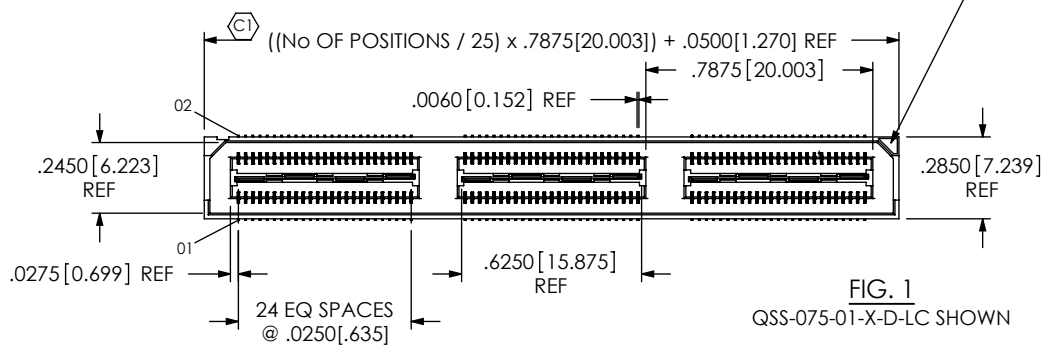


| TABLE 1         |                                   |
|-----------------|-----------------------------------|
| No OF POSITIONS | COPLANARITY (INCLUDING GND PLANE) |
| -025 THRU -050  | .0040[.102]                       |
| -075 THRU -125  | .0060[.152]                       |

DO NOT SCALE FROM THIS PRINT

VOID CORE MAY OR MAY NOT BE PRESENT AT MOLDERS DISCRETION FOR THE CONTROL OF WARPAGE



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

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

\*ADD NOTE 10

LEAD STYLE  
-01: .1430[3.632]

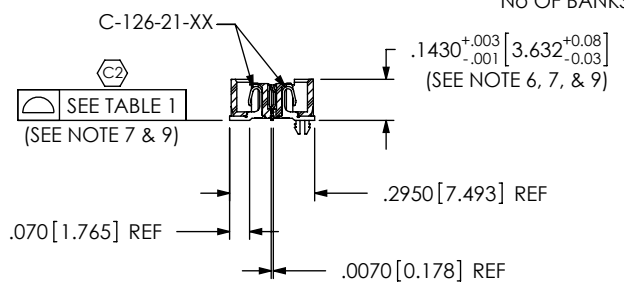
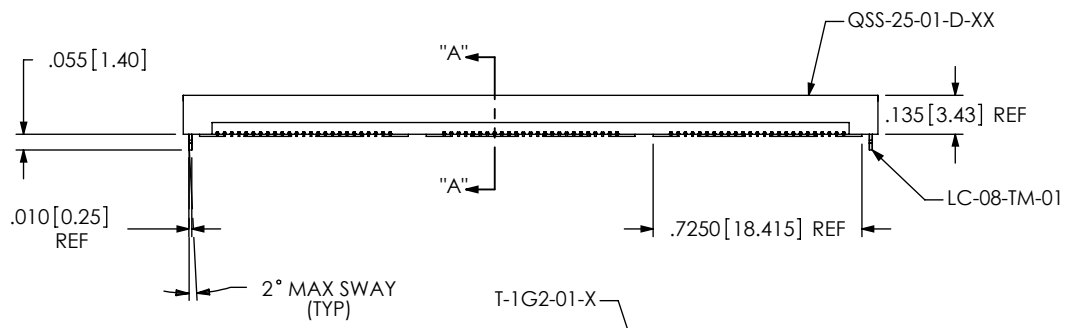
PLATING SPECIFICATION  
(SEE TABLE 2)

OPTION

- A: ALIGNMENT PINS (USE QSS-25-XX-D-XX-A) (SEE FIG. 2, SHEET 2)
- 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) (SEE FIG. 4, SHEET 3) (FOR MATING WITH QTS-...-RA-...LS2)

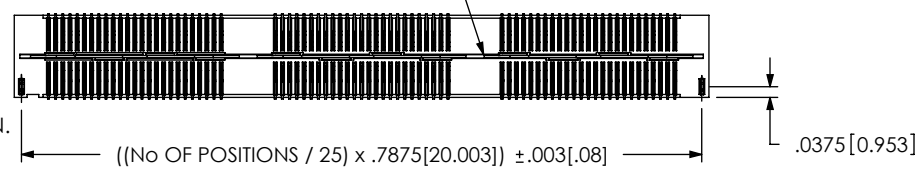
ROW SPECIFICATION  
-D: DOUBLE (USE QSS-25-XX-D-XX)

No OF BANKS



NOTES:

- CONTACT RETENTION: 6 OZ MIN
- GROUND PLANE RETENTION: 8 OZ MIN
- © REPRESENTS A CRITICAL DIMENSION.
- PARTS ARE MOLD TO POSITION.
- NOTE WAS DELETED.
- MAX VARIANCE OF .002[.05].
- DIMENSION APPLIES TO CONTACTS AND GROUND PLANES, INDEPENDENT OF GROUND PLANES AND CONTACTS RESPECTIVELY.
- L PLATING CAN BE SUBSTITUTED FOR -F PLATING. -G PLATED GROUND PLANE CAN BE SUBSTITUTED -F PLATED GROUND PLANE.
- GROUND PLANE PRESS HEIGHT MUST BE .003[.08] LESS THAN THE MAX HEIGHT OR .001[.03] GREATER THAN THE MINIMUM HEIGHT OF THE TERMINALS.
- FOR NEW APPLICATIONS REQUIRING THESE POSITIONS, PLEASE CONTACT SAMTEC INTERCONNECT PROCESSING GROUP.



-LC: LOCKING CLIP OPTION SHOWN

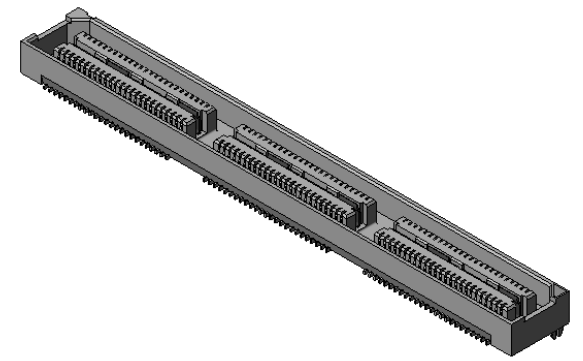


TABLE 2: PLATING SPECIFICATION

| 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           |

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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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

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1.5:1

INSULATOR: LCP, COLOR: BLACK

CONTACT: PHOS BRONZE

GROUND PLANE: PHOS BRONZE

c:\enterprise\vaull\DWG\MISC\MKTG\QSS-XXX-XX-X-D-XXX-MKT.SLDDRW

-A: ALIGNMENT PIN OPTION SHOWN

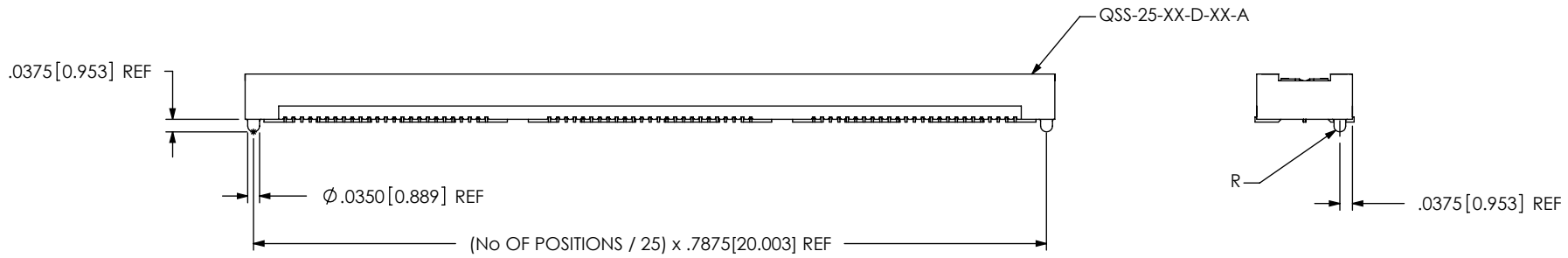
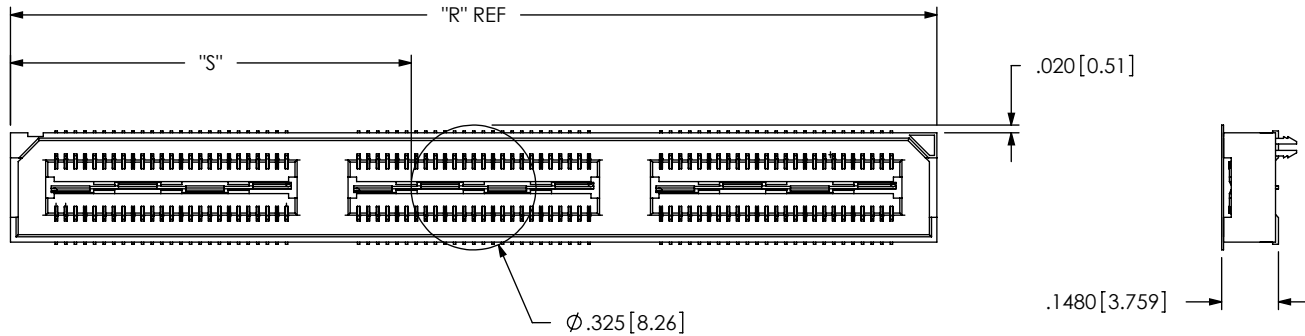


FIG. 2  
-K: POLYIMIDE FILM PAD  
(USE K-DOT-.325-.450-.005)



NOTE: "R" = ((No OF POSITIONS/25) x .7875 [20.003]) + .0500 [1.270] AS MEASURED  
"S" = (("R" - .325 [8.26]) / 2) ± .020 [51]


|   |   |           |              |
|---|---|-----------|--------------|
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|   | <p>520 PARK EAST BLVD, NEW ALBANY, IN 47150<br/>PHONE: 812-944-6733 FAX: 812-948-5047<br/>e-Mail: info@SAMTEC.com code: 55322</p> |           |              |
|   | <p>DESCRIPTION:<br/>.635mm DOUBLE ROW HS SOCKET ASSEMBLY</p>  |           |              |
|   | <p>DWG. NO. <b>QSS-XXX-XX-X-D-XXX</b></p>   |           |              |
|   | BY: DEAN P  | 6/28/1999 | SHEET 2 OF 3 |

FIG. 3

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

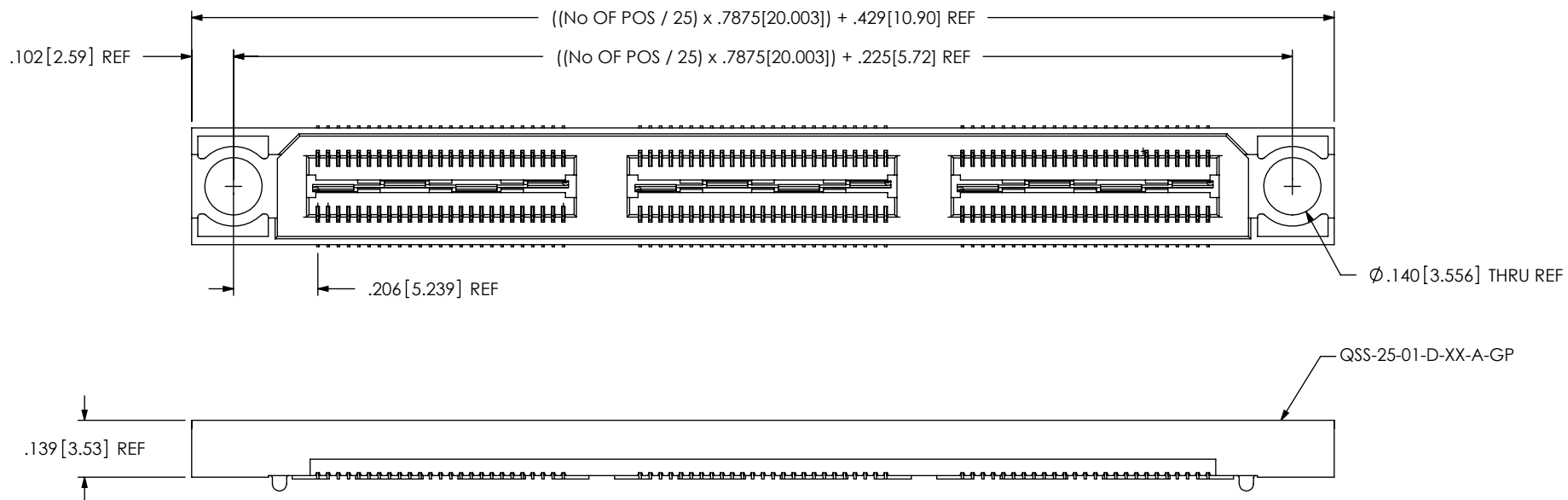
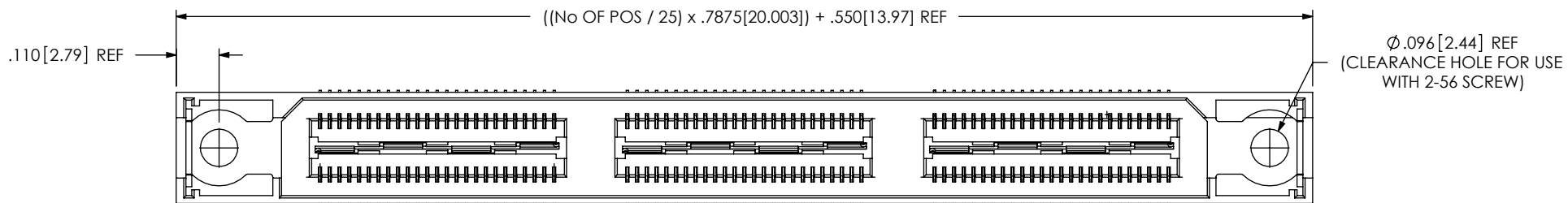


FIG. 4

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