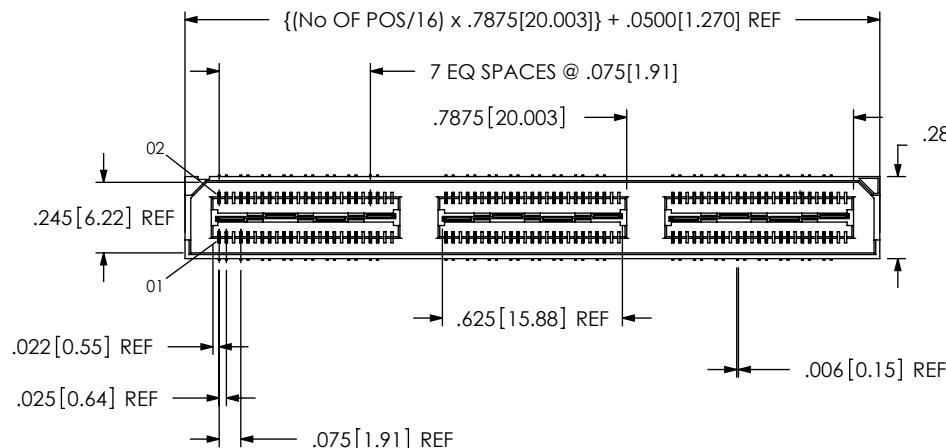


ASO ONLY (APPLICATION SPECIFIC ORDER)

DO NOT
SCALE FROM
THIS PRINT



NO OF POSITIONS

**-016, -032, -04
*-064, *-080
(PER ROW)**

LEAD STYLE —

PLATING SPECIFICATION

-F: FLASH SELECTIVE GOLD
WITH MATTE TIN TAILS
(USE C-126-21-F & T-1G2-01-F
(SEE NOTES 7 & 9)

-L: LIGHT SELECTIVE GOLD
WITH MATTE TIN TAILS
(USE C-126-21-L & T-1G2-01-L
(SEE NOTE 9)

-H: HEAVY GOLD
(USE C-126-21-H & T-1G2-01-H
(SEE NOTE 9)

* SEE NOTE 10

Technical drawing showing a structural component with the following dimensions and features:

- Width: .055 [1.40]
- Height: .010 [0.25] REF
- Thickness: .135 [3.43] REF
- Length: .725 [18.42] REF
- Material: QSS-25-01-D-XX
- Label: LC-08-TM-00
- Annotation: "A" at the top left and middle right.
- Annotation: "A" at the bottom left.
- Annotation: 2° MAX SWAY (TYP) at the bottom left.

SEE TABLE 1
(SEE NOTE 6 & 8)

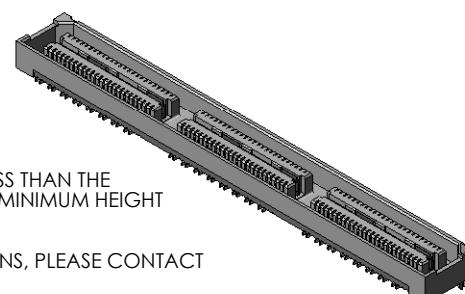
SECTION "A"- "A"

.070 [1.77] REF .007 [0.18] REF

TABLE 1

TABLE 1	
NO OF POSITIONS	COPLANARITY (INCLUDES GND PLANE)
-016 THRU -032	.004 [.10]
-048 THRU -080	.006 [.15]

FIG. 1
-LC: LOCKING CLIP OPTION SHOWN



NOTES:

1. CONTACT RETENTION: 5 OZ MIN
2. GROUND PLANE RETENTION: 8 OZ MIN
3.  REPRESENTS A CRITICAL DIMENSION.
4. PARTS ARE MOLD TO POSITION.
5. MAX VARIANCE OF .002[.05].
6. DIMENSION APPLIES TO CONTACTS AND GROUND PLANES, INDEPENDENT OF EACH OTHER.
7. -L PLATING CAN BE SUBSTITUTED FOR -F PLATING.
8. GROUND PLANE PRESS HEIGHT MUST BE .003[.08] LESS THAN THE MAXIMUM HEIGHT OR .001[.03] GREATER THAN THE MINIMUM HEIGHT OF THE SIGNAL PIN.
9. MAY SUBSTITUTE C-126-01-X FOR C-126-21-X.
10. FOR NEW APPLICATIONS REQUIRING THESE POSITIONS, PLEASE CONTACT SAMTEC INTERCONNECT PROCESSING GROUP.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
DECIMALS ANGLES
.XX: $\pm .01$ [.]3 2°
.XXX: $\pm .005$ [.]13
VVVV: $\pm .0020$ [.]05

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MATERIAL: DO NOT SCALE DRAWING **SCALE:** 1:5

INSULATOR: LCP, COLOR: BLACK
CONTACT: PHOS BRONZE
GROUND PLANE: PHOS BRONZE

Samtec

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

ION:

nm DIF

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

KEVIN B 07/10/2000

FIG. 2
-A: ALIGNMENT PIN OPTION SHOWN

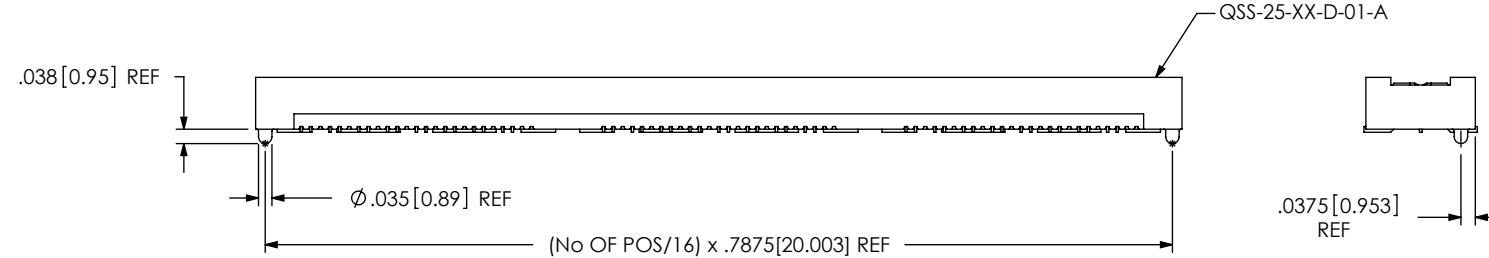
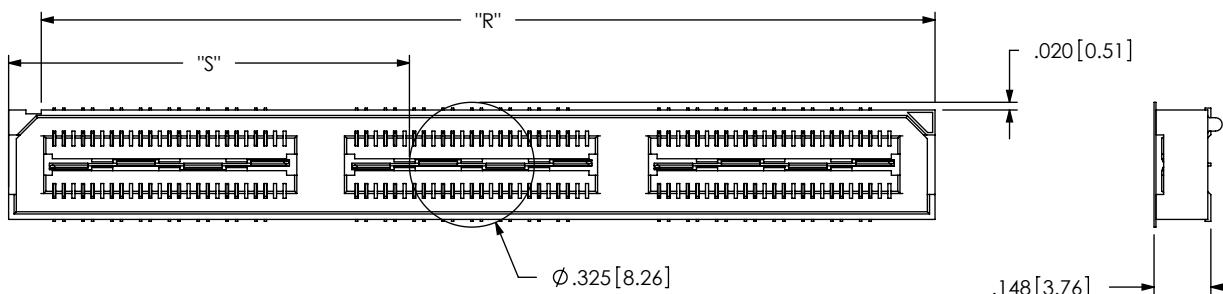


FIG. 3
-K: POLYIMIDE FILM PAD OPTION



NOTE: "R" = ((No OF POS/16) x .7875[20.003]) + .050[1.27] REF
 "S" = ("R" - .325[8.26]) / 2 ± .020[.51]

FIG. 4
-GP: GUIDE POST OPTION
(32 POS MAX FOR TAPE & REEL OFFERING)

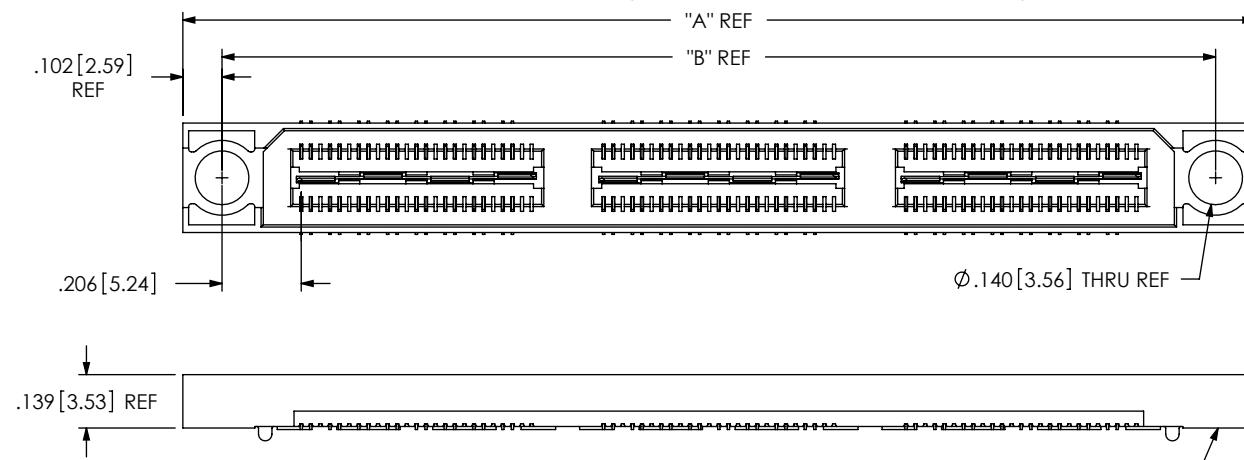


TABLE 3		
POSITIONS	"A" REF	"B" REF
-016	1.2165[30.899]	1.0125[25.718]
-032	2.0040[50.902]	1.8000[45.720]
-048	2.7915[70.904]	2.5875[65.723]
-064	3.5790[90.907]	3.3750[85.725]
-080	4.3665[110.909]	4.1625[105.728]

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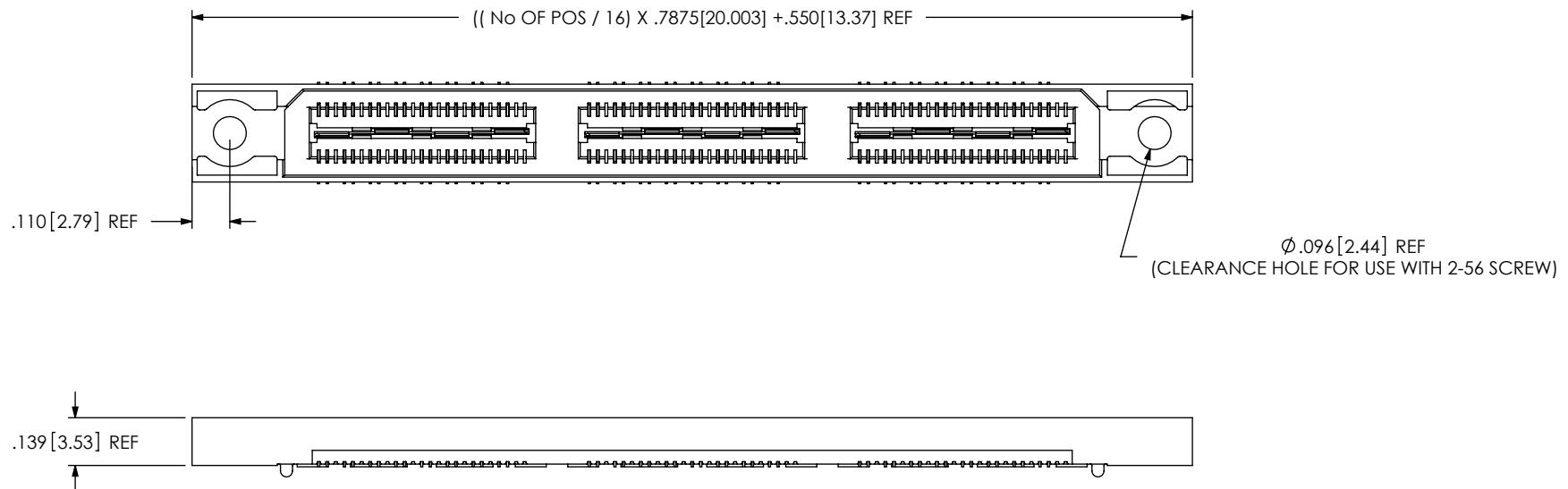
DESCRIPTION:
 .635mm DIFFERENTIAL PAIRS HS SOCKET ASSEMBLY

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

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FIG. 5

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



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DWG. NO.

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