

DO NOT
SCALE FROM
THIS PRINT

TABLE 1

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

5 THRU -050 | .0040[.102]
 5 THRU -125 | .0060[.152]

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

02

.2450[6.223] REF

.0275[0.699] REF

01

24 EQ SPACES
 @ .0250[.635]

.0060[.152] REF

.7875[20.003]

.2850[7.239] REF

.6250[15.875] REF

$$((\text{No OF POSITIONS} / 25) \times .7875[20.003]) + .0500[1.270] \text{ REF}$$

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

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. \odot 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.

-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

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

QSS-XXX-XX-X-D-XXX

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

*SEE NOTES 10 & 11

LEAD STYLE —
-01: .1430[3.632]

PLATING SPECIFICATION
(SEE TABLE 2)

OPTION

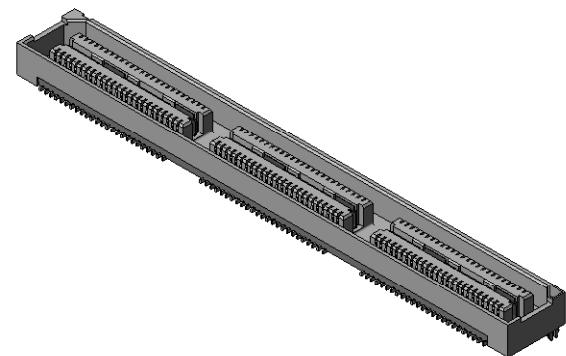
- A: ALIGNMENT PINS
(USE QSS-25-XX-D-XX-A)
- LC: LOCKING CLIPS
(USE LC-08-TM-01)
- K: POLYIMIDE FILM PAD
(USE K-DOT-.325-.450-.005)
(SEE FIG. 2, SHEET 2)
- TR: TAPE & REEL (75 POS MAX)
(50 POS MAX FOR -GP)
- GP: GUIDE POSTS
(USE QSS-25-01-D-XX-X-GP)
(SEE FIG. 3, SHEET 3)
- LS2: LOCKING SCREW
(USE QSS-25-01-D-XX-LS2)
(SEE FIG. 4, SHEET 3)
(FOR MATING WITH
QTS----RA...LS2)

— ROW SPECIFICATION

No OF BANKS -

Technical drawing of a C-126-21-XX component showing dimensions and notes. The drawing includes a callout for "SEE TABLE 1" with note 7 & 9, a dimension of .070 [1.765] REF, a dimension of .2950 [7.493] REF, and a dimension of .1430+.003 [-.001] [3.632+.008 [-.003] (SEE NOTE 6, 7, & 9).

SECTION "A-A



MATERIAL: DO NOT SCALE
INSULATOR: LCP, **COLOR:** BLACK
CONTACT: PHOS BRONZE
FRONT PLATE: ENAMEL PAINT

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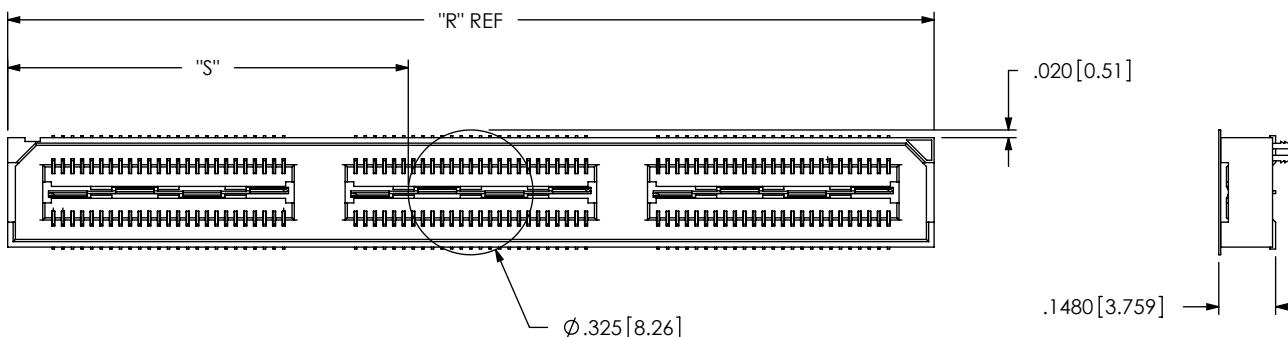
635mm DOUBLE ROW HS SOCKET ASSEMBLY

SEARCHED INDEXED SERIALIZED FILED

-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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 SHEET SCALE: 2:1

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DESCRIPTION:
 .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]

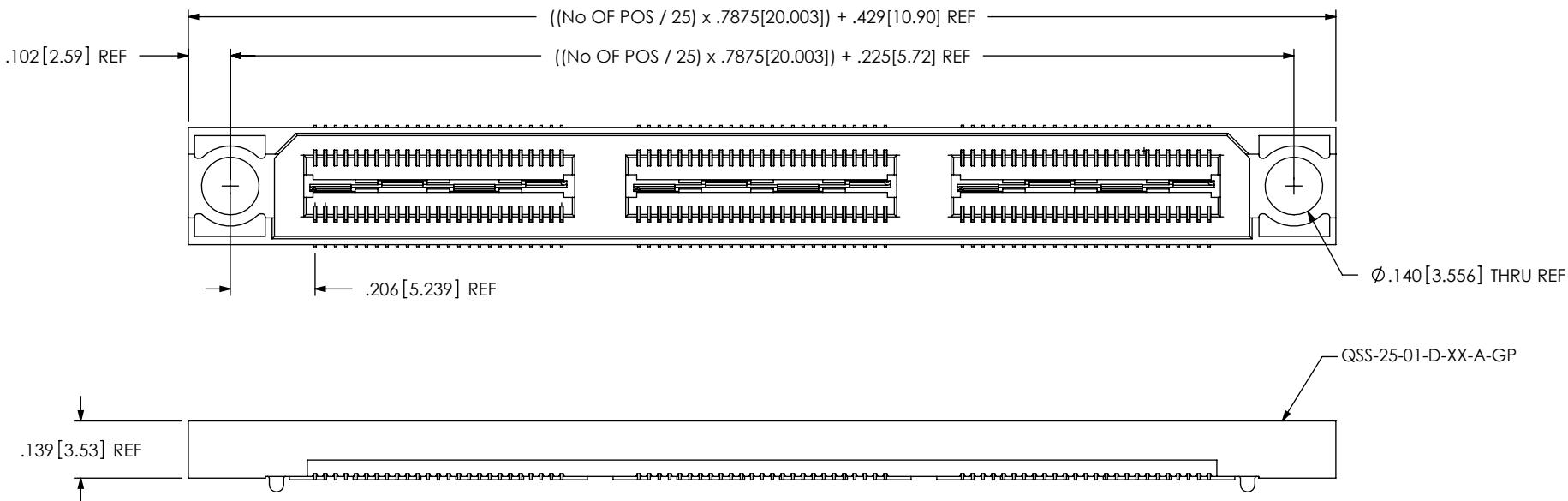
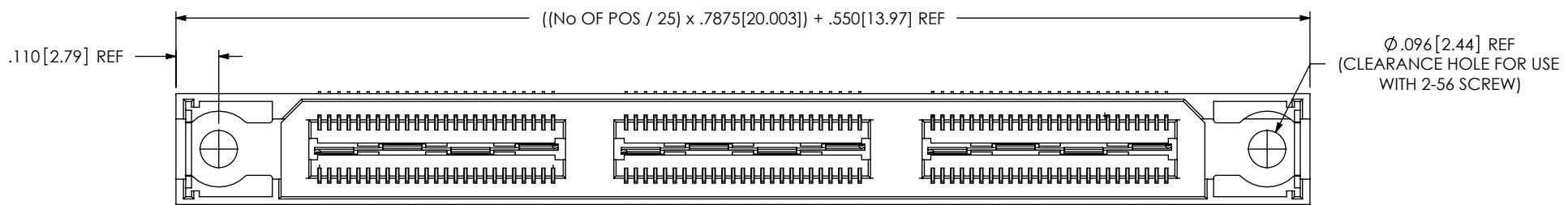


FIG. 4

-LS2: LOCKING SCREW OPTION

[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1]



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DESCRIPTION: 65- DOUBLE ROW U.S. SOCKET, ASSEMBLY

DWG - NC

QSS-XXX-XX-X-D-XXX

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