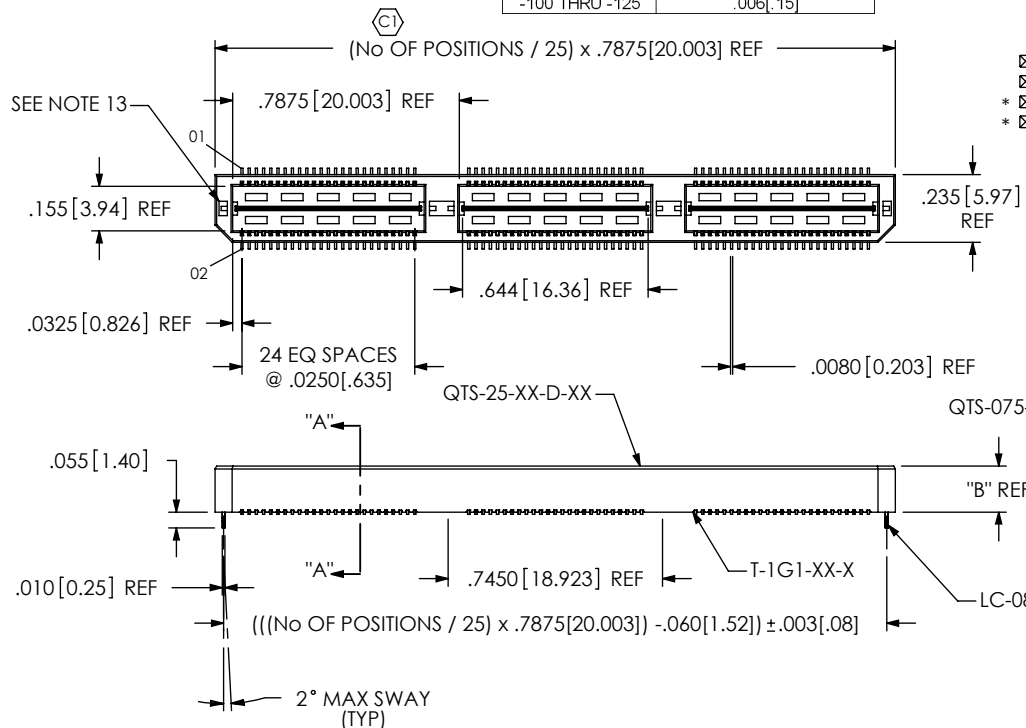
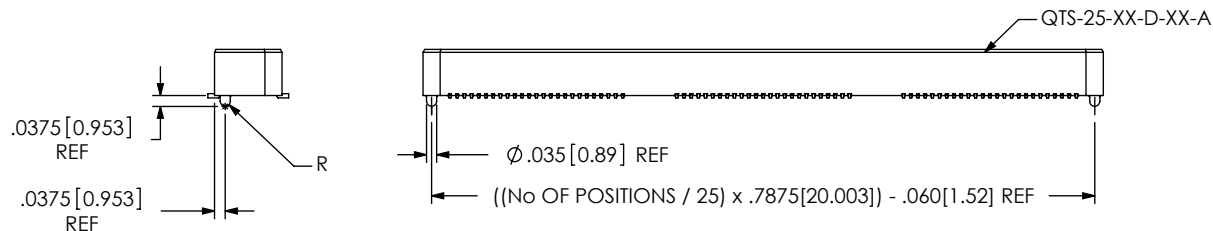


| TABLE 1 | | | | | | MATED HEIGHT WITH QSS-01 |
|---------|--------------|--------------|----------------|--------------|-------------|--------------------------|
| STYLE | "A" | "B" | BODY | GROUND PLANE | TERMINAL | |
| -01 | .1680[4.267] | .1600[4.064] | QTS-25-01-D-XX | T-1G1-01-X | T-1S56-01-X | .197[5.00] REF |
| -02 | .2861[7.267] | .2781[7.064] | QTS-25-02-D-XX | T-1G1-02-X | T-1S56-22-X | .315[8.00] REF |

| TABLE 2 | |
|-----------------|----------------------------------|
| No OF POSITIONS | COPLANARITY (INCLUDES GND PLANE) |
| -025 THRU -075 | .004[.10] |
| -100 THRU -125 | .006[.15] |



-LC: LOCKING CLIP OPTION SHOWN



-A: ALIGNMENT PIN OPTION SHOWN

QTS-XXX-XX-X-D-XX

No OF POSITIONS
-025, -050, -075,
** -100, ** -125
(PER ROW)
** (SEE NOTE 14)

LEAD STYLE

-01: .1680[4.267]
-02: .2861[7.264]
-03: .4043[10.269]
-04: .6001[15.246]
-05: .7181[18.240]
-06: .8361[21.237]

OPTION

-LC: LOCKING CLIPS (SEE NOTE 10)
(USE LC-08-TM-01)
-A: ALIGNMENT PINS (SEE NOTE 10)
(USE QTS-25-XX-D-XX-A)
-K: POLYIMIDE FILM PAD
(USE K-DOT-.276-.375-.005, SEE FIG. 2)
-GP: GUIDE POST, SEE FIG. 4
(AVAILABLE ON STYLE -01 ONLY)
-TR: TAPE & REEL (75 POS MAX)
(N/A ON STYLE -05 & -06)

ROW SPECIFICATION

-D: DOUBLE (USE QTS-25-XX-D-XX
& QTS-25-XX-D-XX)

No OF BANKS

PLATING SPECIFICATION
(SEE TABLE 5)

☒ = SEE SHEET 3
* = NOT TOOLED

FIG. 1

QTS-075-01-X-D-LC SHOWN

T-1S56-XX-X

SEE TABLE 2
(SEE NOTE 9 & 12)

.037[0.94] REF
.015[0.38] REF
.038[0.95] REF
.056[1.42] REF
.280[7.11] REF

SECTION "A"-"A"

NOTES:

- ① REPRESENTS A CRITICAL DIMENSION.
- DELETED.
- DELETED.
- MINIMUM TERMINAL RETENTION: 6 OZ.
- MINIMUM GROUND PLANE RETENTION: 1 LB.
- DELETED.
- PARTS TO BE MOLDED TO POSITION.
- MAXIMUM VARIANCE OF .002[.05].
- DIMENSION APPLIES TO TERMINALS AND GROUND PLANES INDEPENDENT OF THE GROUND PLANE OR TERMINAL RESPECTIVELY.
- LEAD STYLES -03 AND -05: TOP BODY (QTS) CANNOT HAVE -A OPTION AND -04 AND -06 CAN USE EITHER -A OR -LC BODY.
- T-1SXX-XX-L CAN BE SUBSTITUTED FOR T-1SXX-XX-F; T-1G1-XX-G CAN BE SUBSTITUTED FOR T-1G1-XX-F.
- GROUND PLANE PRESS HEIGHT MUST BE .003[.08] LESS THAN THE MAX HEIGHT OR .001[.03] GREATER THAN THE MINIMUM HEIGHT OF THE TERMINALS.
- WINDOW NOT PRESENT ON LEAD STYLES -02 THRU -06 HEIGHT PER REV. E OF THE QTS-25-XX-D-XX-X-XX.
- FOR NEW APPLICATIONS REQUIRING THESE POSITIONS, PLEASE CONTACT SAMTEC INTERCONNECT PROCESSING GROUP.

TABLE 5: PLATING SPECIFICATION

| OPTION | TERMINAL | | TERMINAL CALLOUT | GROUND PLANE | | GROUND PLANE CALLOUT |
|--------|--------------|-----------------------|------------------|--------------|-----------------------|----------------------|
| | CONTACT AREA | REMAINDER | | CONTACT AREA | REMAINDER | |
| -F | .000003 GOLD | .000150 MIN MATTE TIN | T-1SXX-XX-F | .000003 GOLD | .000150 MIN MATTE TIN | T-1G1-XX-F |
| -L | .000010 GOLD | .000150 MIN MATTE TIN | T-1SXX-XX-L | .000010 GOLD | .000150 MIN MATTE TIN | T-1G1-XX-L |
| -H | .000030 GOLD | .000003 GOLD | T-1SXX-XX-H | .000010 GOLD | .000003 GOLD | T-1G1-XX-G |
| -C | .000050 GOLD | .000150 MIN MATTE TIN | T-1SXX-XX-C | .000010 GOLD | .000150 MIN MATTE TIN | T-1G1-XX-L |

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS .XX: ± .01[.3]

.XXX: ± .005[.13]

.XXXX: ± .0020[.051]

ANGLES ± 2°

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MATERIAL:

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

DO NOT SCALE DRAWING

SHEET SCALE: 1.5:1

DESCRIPTION:

H.635mm DOUBLE ROW HS TERMINAL ASSEMBLY

DWG. NO.

QTS-XXX-XX-X-D-XX

BY: DEAN P

6/28/1999

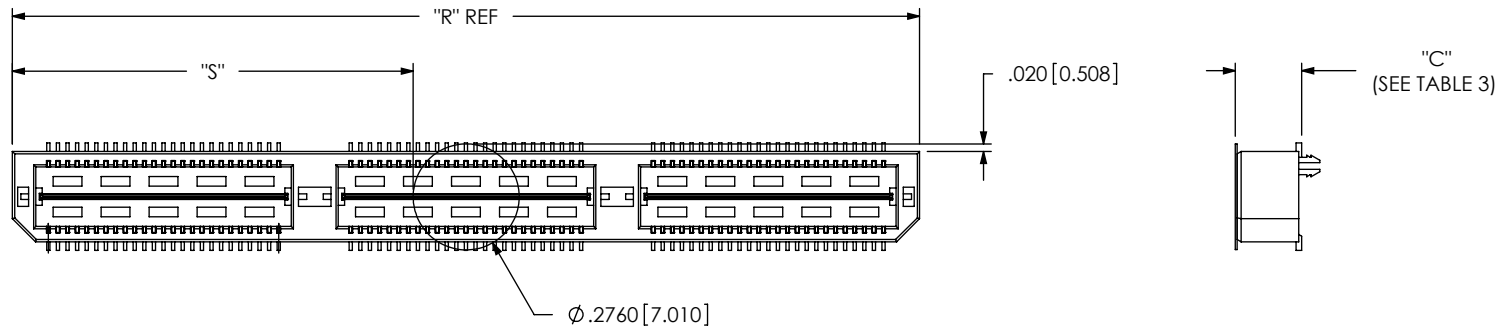
SHEET 1 OF 3

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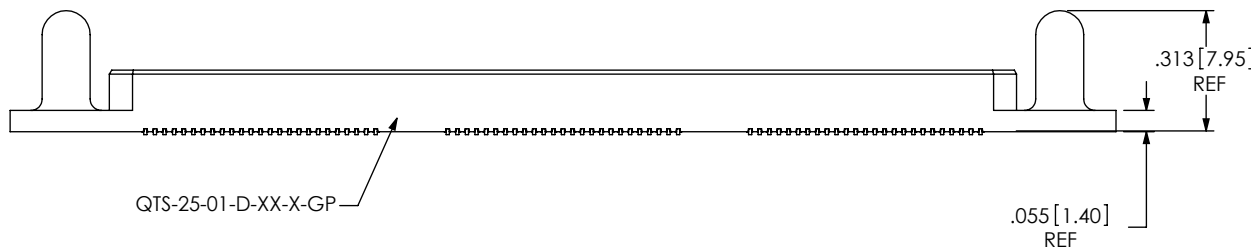
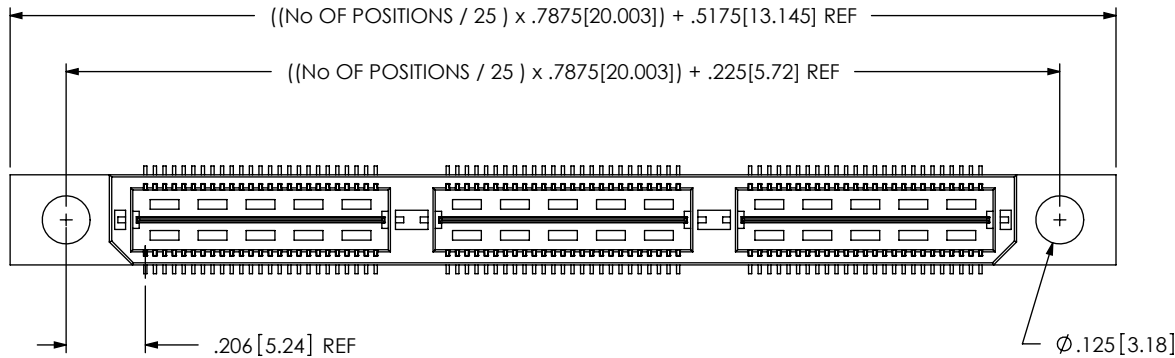
FIG. 2
-K: POLYIMIDE FILM PAD
(USE K-DOT-.276-.375-.005)



| TABLE 3 | |
|---------|-------------|
| STYLE | "C" |
| -01 | .173[4.39] |
| -02 | .291[7.39] |
| -03 | .409[10.39] |
| -04 | .605[15.37] |
| -05 | .723[18.36] |
| -06 | .841[21.36] |

NOTE: "R" = (No OF POSITIONS / 25) x .7875[20.003]
"S" = (("R" - .276[7.01]) / 2) ±.020[.51]

FIG. 4
-GP: GUIDE POST OPTION
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1]
(AVAILABLE ON STYLE -01 ONLY)



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SHEET SCALE: 2:1

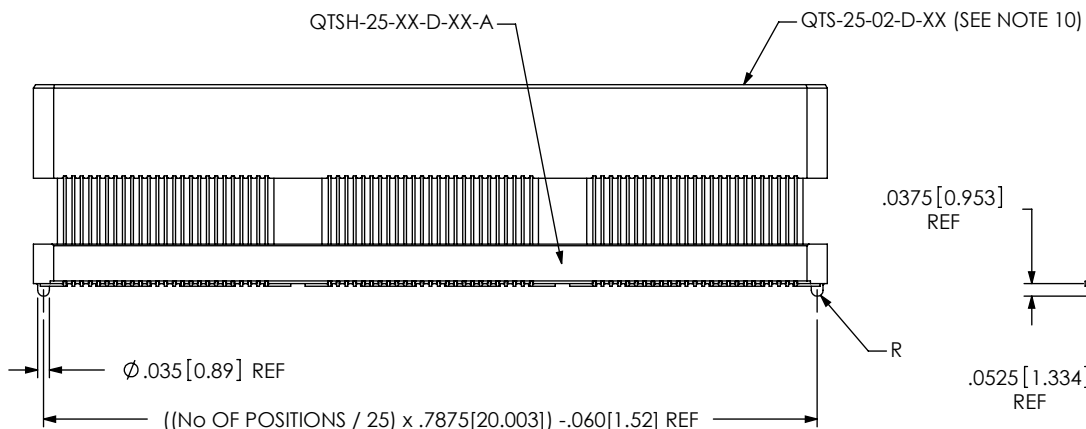
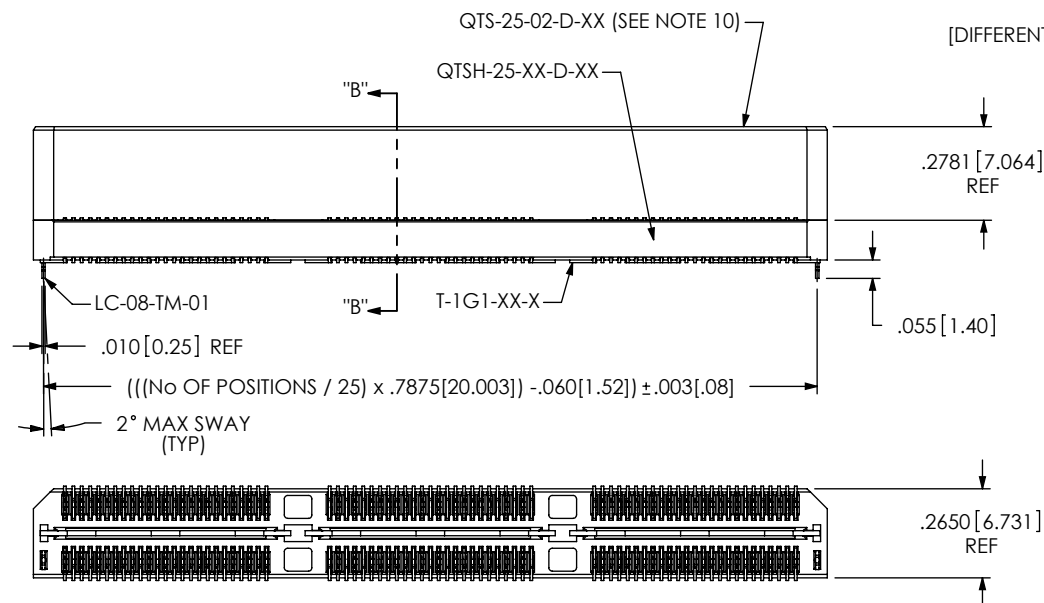
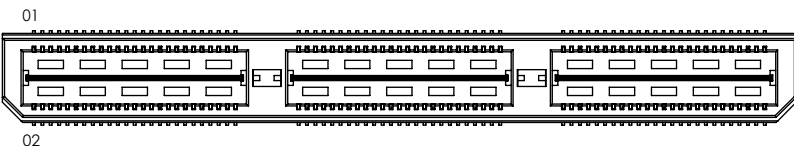
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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
H.635mm DOUBLE ROW HS TERMINAL ASSEMBLY

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

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



-A: ALIGNMENT PIN OPTION

[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 3]

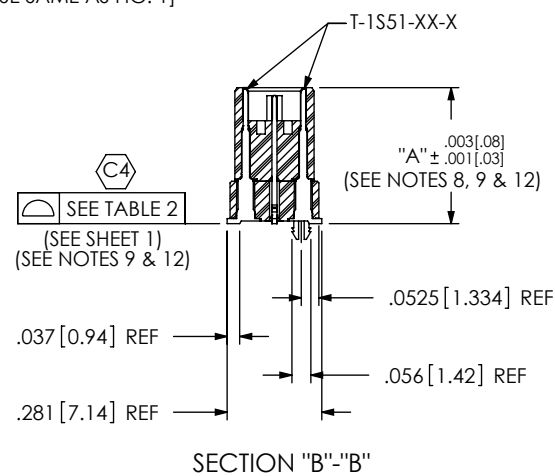
(STYLE -03, -04, -05 & -06)

| TABLE 4 | | | | | MATED HEIGHT WITH QSS-01 |
|---------|----------------|--------------|-------------|--------------------|--------------------------|
| STYLE | "A" | GROUND PLANE | TERMINAL | BOTTOM SPACER BODY | |
| -03 | .4043 [10.269] | T-1G1-03-X | T-1S51-03-X | QTSH-25-01-D-XX-X | .433 [11.00] REF |
| -04 | .6001 [15.246] | T-1G1-04-X | T-1S51-04-X | QTSH-25-01-D-XX-X | .630 [16.00] REF |
| -05 | .7181 [18.240] | T-1G1-05-X | T-1S51-05-X | QTSH-25-02-D-XX-X | .748 [19.00] REF |
| -06 | .8361 [21.237] | T-1G1-06-X | T-1S51-06-X | QTSH-25-02-D-XX-X | .866 [22.00] REF |

*
*

FIG. 3

QTS-075-03-X-D-LC SHOWN
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1]



* = NOT TOOLED

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

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