

DO NOT SCALE FROM THIS PRINT

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

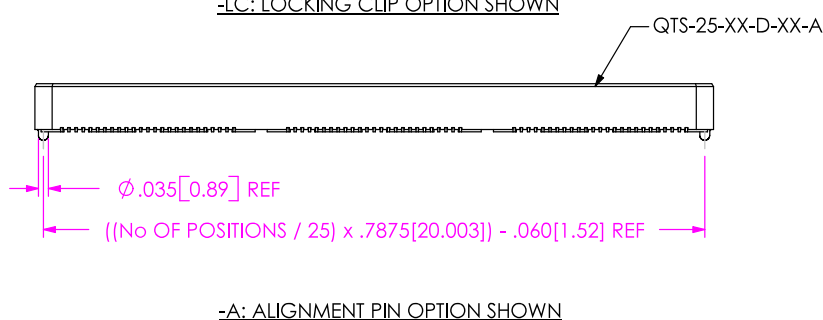
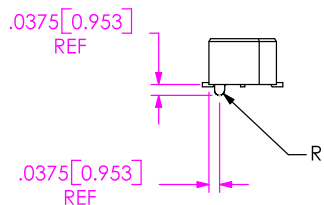
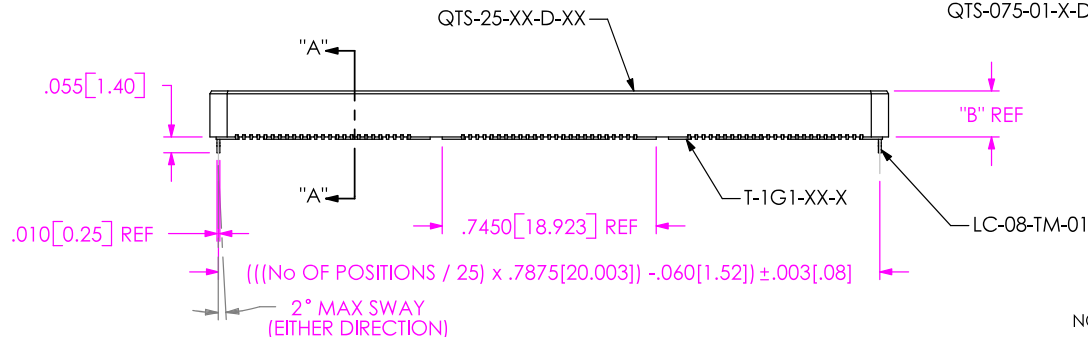
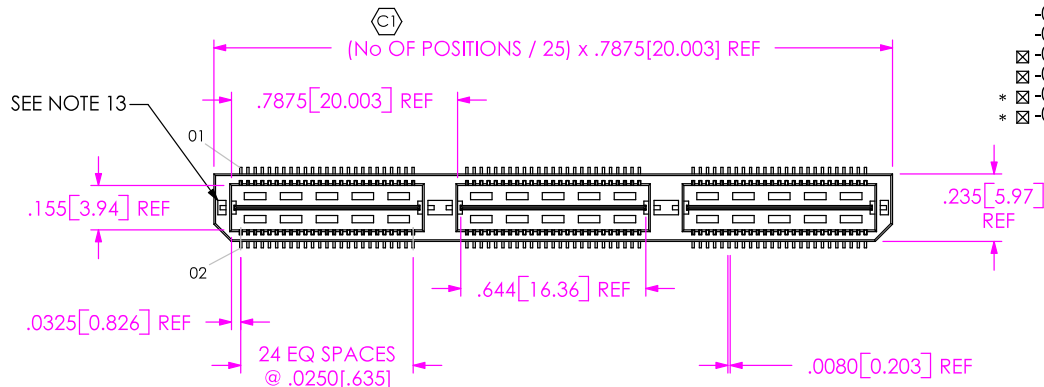
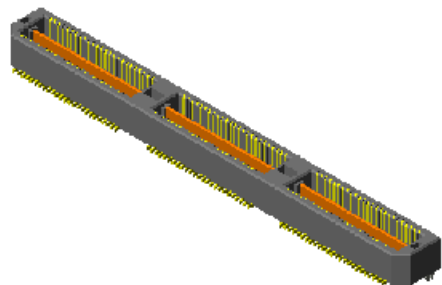


TABLE 2	
No OF POSITIONS	COPLANARITY (INCLUDES GND PLANE)
-025 THRU -075	.004[.10]
-100 THRU -125	.006[.15]



QTS-XXX-XX-X-D-XX

No OF POSITIONS
-025, -050, -075,
-100, -125
(PER ROW)

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: POLYAMIDE FILM PAD (USE K-500-300, 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)
- TY: TRAY PACKAGING

ROW SPECIFICATION

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

No OF BANKS

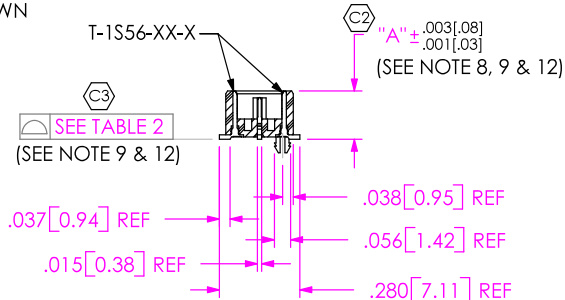
PLATING SPECIFICATION

- F: FLASH SELECTIVE GOLD (USE T-1SXX-XX-F & T-1G1-XX-F) (SEE NOTE 11)
- L: LIGHT SELECTIVE GOLD (USE T-1SXX-XX-L & T-1G1-XX-G)
- H: HEAVY GOLD (USE T-1SXX-XX-H & T-1G1-XX-G)

☒ = SEE SHEET 3
☒ * = NOT TOOLED

FIG. 1

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



NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. DELETED.
3. DELETED.
4. MINIMUM TERMINAL RETENTION: 6 OZ.
5. MINIMUM GROUND PLANE RETENTION: 1 LB.
6. DELETED.
7. PARTS TO BE MOLDED TO POSITION.
8. MAXIMUM VARIANCE OF .002[.05].
9. DIMENSION APPLIES TO TERMINALS AND GROUND PLANES INDEPENDENT OF THE GROUND PLANE OR TERMINAL RESPECTIVELY.
10. LEAD STYLES -03 AND -05: TOP BODY (QTS) CANNOT HAVE -A OPTION AND -04 AND -06 CAN USE EITHER -A OR -LC BODY.
11. T-1SXX-XX-L CAN BE SUBSTITUTED FOR T-1SXX-XX-F; T-1G1-XX-G CAN BE SUBSTITUTED FOR T-1G1-XX-F.
12. GROUND PLANE PRESS HEIGHT MUST BE .003[.08] LESS THAN THE MAX HEIGHT OR .001[.03] GREATER THAN THE MINIMUM HEIGHT OF THE TERMINALS.
13. WINDOW NOT PRESENT ON LEAD STYLES -02 THRU -06 HEIGHT PER REV. E OF THE QTS-25-XX-D-XX-X-XX.

SECTION "A"="A"

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01[.3] ± 2°
.XXX: ±.005[.13]
.XXXX: ±.0020[.051]

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.

SAMTEC

520 PARK EAST BLVD. NEW ALBANY, IN 47150
* PHONE: 812.944.6733 FAX: 812.948.5047
e-Mail: INFO@SAMTEC.COM CODE: 55322

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

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

FIG. 2
-K: POLYAMIDE FILM PAD
(USE K-500-300)

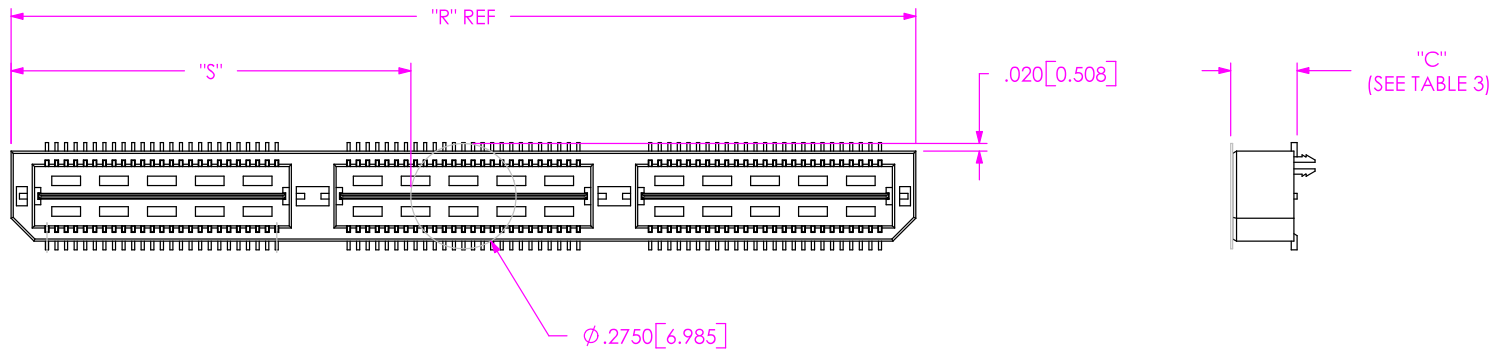
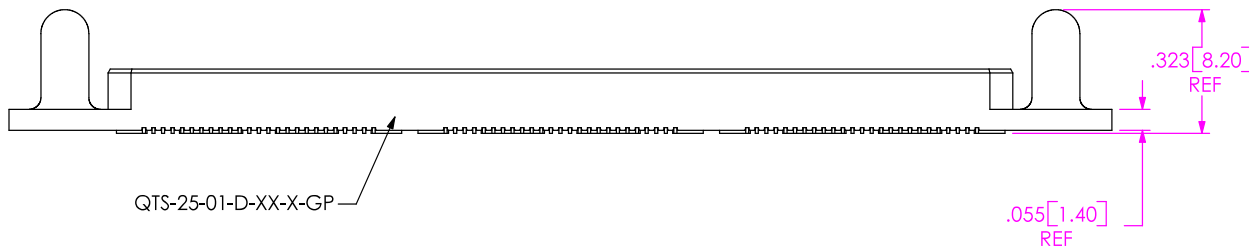
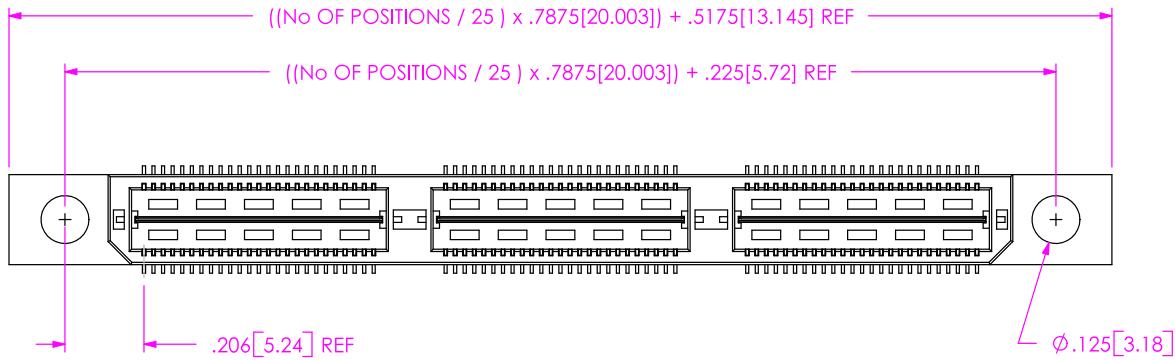


TABLE 3	
STYLE	"C"
-01	.173[4.39]
-02	.291[7.39]
-03	.409[10.39]
-04	.605[15.37]
-05	.723[18.36]
-06	.841[21.36]

NOTE: "R" = (No OF POSITIONS / 25) x .7875[20.003]
 "S" = (("R" - .275[6.99]) / 2) ±.020[.51]

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



PROPRIETARY NOTE
 THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING
 SHEET SCALE: 2:1

SAMTEC

520 PARK EAST BLVD, NEW ALBANY, IN 47150
 * PHONE: 812.944.6733 FAX: 812.948.5047
 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

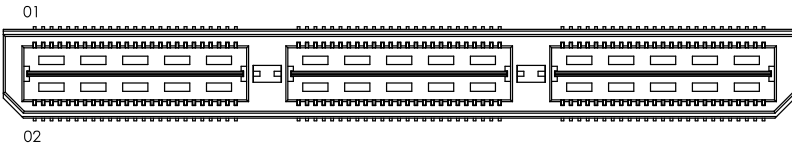


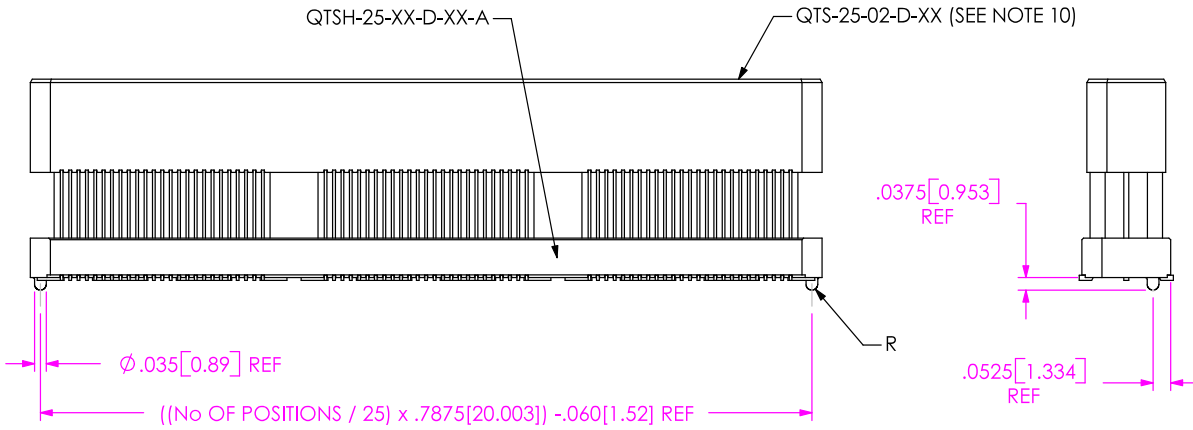
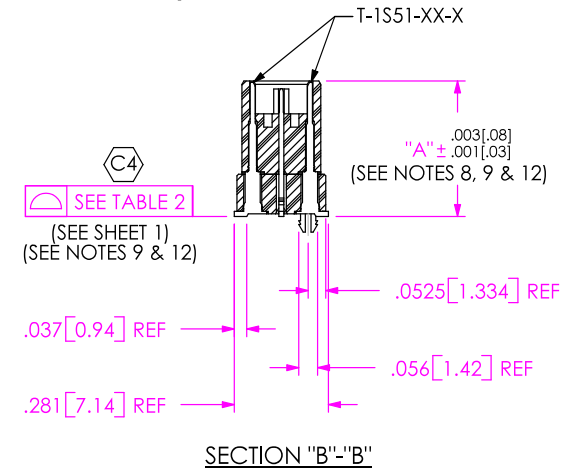
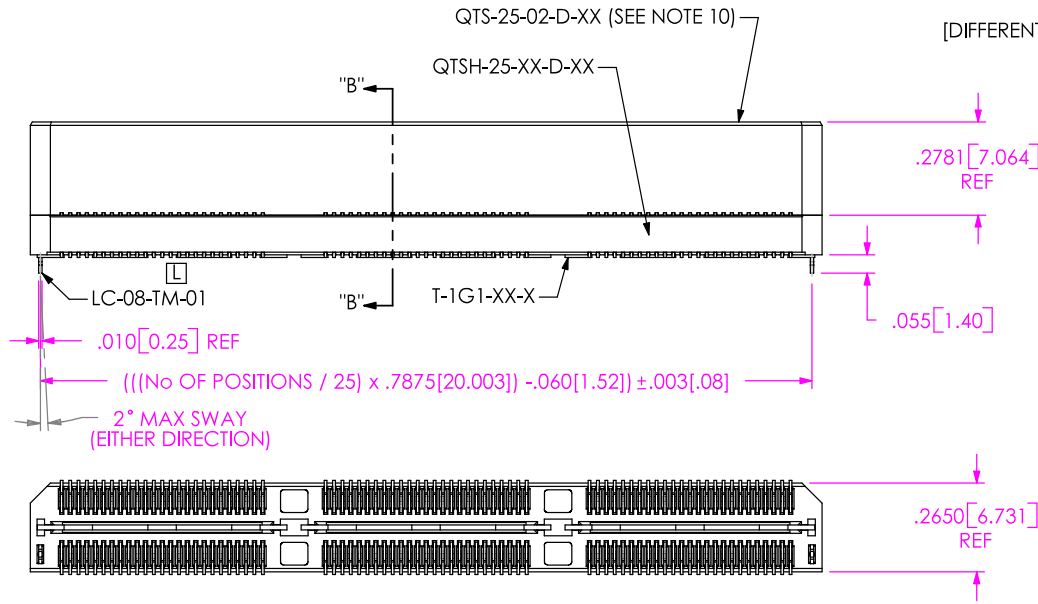
TABLE 4						MATED HEIGHT WITH QSS-01
STYLE	"A"	GROUND PLANE	TERMINAL	BOTTOM SPACER BODY		
-03	.4043[10.269]	T-1G1-03-X	T-1S51-03-X	QTSH-25-01-D-XX-X	.433 [11.00]	REF
-04	.6001 [15.246]	T-1G1-04-X	T-1S51-04-X	QTSH-25-01-D-XX-X	.630 [16.00]	REF
-05	.7181 [18.240]	T-1G1-05-X	T-1S51-05-X	QTSH-25-02-D-XX-X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

*
*

* = NOT TOOLED

FIG. 3

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



-A: ALIGNMENT PIN OPTION

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

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

F:\DWG\MISC\MKTG\QTS-XXX-XX-X-D-XX-MKT.SLDDRW

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 1.75:1

SAMTEC

520 PARK EAST BLVD, NEW ALBANY, IN 47150
* PHONE: 812.944.6733 FAX: 812.948.5047
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 3 OF 3