

TABLE 1							MATED HEIGHT WITH QSH-01
STYLE	"A"	"B"	BODY (-LC)	BODY (-A)	GROUND PLANE	TERMINAL	
-01	.168Q[4.267]	.160Q[4.064]	QTH-30-01-D-XX	QTH-30-01-D-XX-A	T-1G1-01-X	T-1S39-01-X	.197[5.00] REF
-02	.2861[7.267]	.2781[7.064]	QTH-30-02-D-XX	QTH-30-02-D-XX-A	T-1G1-02-X	T-1S59-02-X	.315[8.00] REF

CQTH-XXX-XX-X-D-XX

No OF POSITIONS
-030, -060, -090,
-120, -150
(PER ROW)

OPTION

-LC: LOCKING CLIPS
(USE LC-08-TM-01)
-A: ALIGNMENT PINS
(USE QTH-30-XX-D-XX-A FOR -01 & -02)
(FOR -03 THRU -10 SEE TABLE 4)

LEAD STYLE

-01: .168Q[4.267]
-02: .2861[7.264]
-03: .4043[10.269]
-04: .6001[15.246]
-05: .7181[18.240]
-06: .8361[21.237]
-07: .9542[24.234]
-08: 1.1511[29.238]
-09: .5000[12.700]

ROW SPECIFICATION

-D: DOUBLE (USE QTH-30-XX-D-XX & QTHH-30-XX-D-XX)

PLATING SPECIFICATION

-C: ELECTRO-POLISHED SELECTIVE
(USE T-1SXX-XX-C & T-1GXX-XX-G)

□ = SEE TABLE

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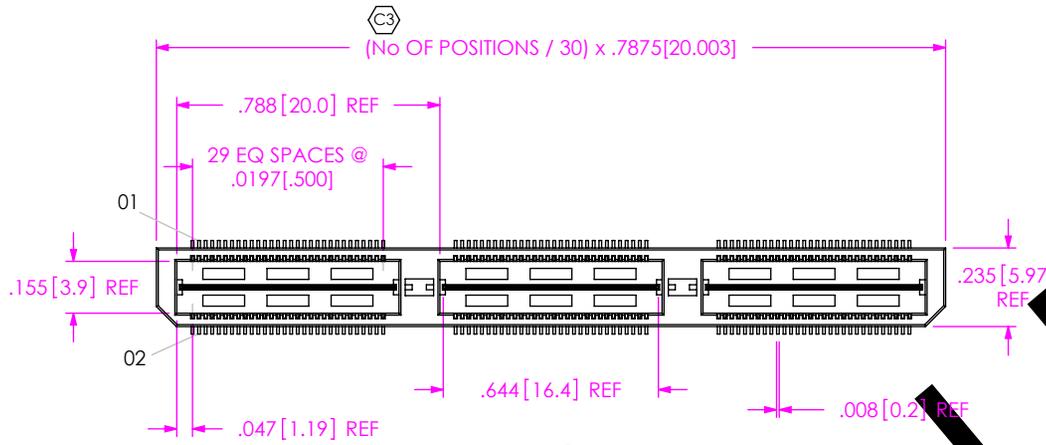
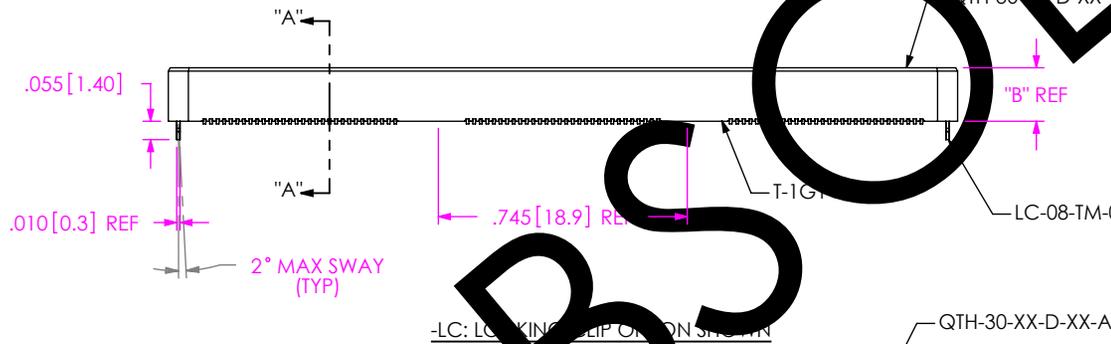


FIG. 1

CQTH-090-01-X-D-LC SHOWN



T-1SXX-XX-X
(SEE TABLE 1)

SEE TABLE 2
(SEE NOTE 7)

"A" .003[.08]
.002[.03]
(SEE NOTE 5 & 7)

SEE TABLE 2
(SEE NOTE 7)

.015[0.4] REF
.037[0.9] REF

SECTION "A"- "A"

NOTES:

1. (C) REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: 6 OZ FOR -01 & -02, 8 OZ FOR -03 THRU -10.
3. MINIMUM GROUND PLANE RETENTION: 1 LB.
4. PARTS TO BE MOLDED TO POSITION.
5. MAXIMUM VARIANCE OF .002[.05]. APPLIES TO SIGNAL OR GROUNDS INDEPENDENT OF THE GROUND OR SIGNAL PINS RESPECTIVELY.
6. LEAD STYLES -03 THRU -09: TOP BODY (QTH) CANNOT HAVE -A OPTION.
7. GROUND PLANE PRESS HEIGHT MUST BE .003[.07] LESS THAN THE MAXIMUM HEIGHT OR .002[.03] GREATER THAN THE MINIMUM HEIGHT OF SIGNAL PIN.
8. T-1R36 RETENTION TO BODY TO BE 1.0 LBF.
9. CUT OFF BURR NOT TO EXCEED .003 IN ANY DIRECTION, BURR PLUS TAB HEIGHT NOT TO EXCEED .006.

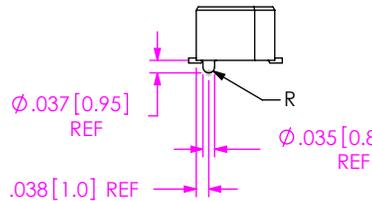
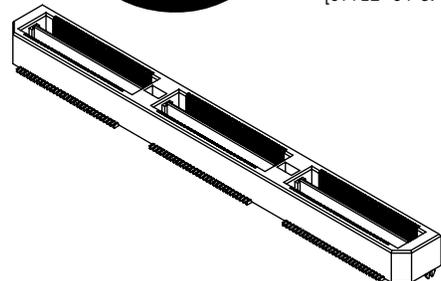


TABLE 2	
No OF POSITIONS	COPLANARITY (INCLUDING GP)
-030 THRU -060	.004 [.10]
-090 THRU -150	.006 [.15]



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

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1.75:1

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

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



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

DESCRIPTION:
.5mm DOUBLE ROW HS TERMINAL ASSEMBLY

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

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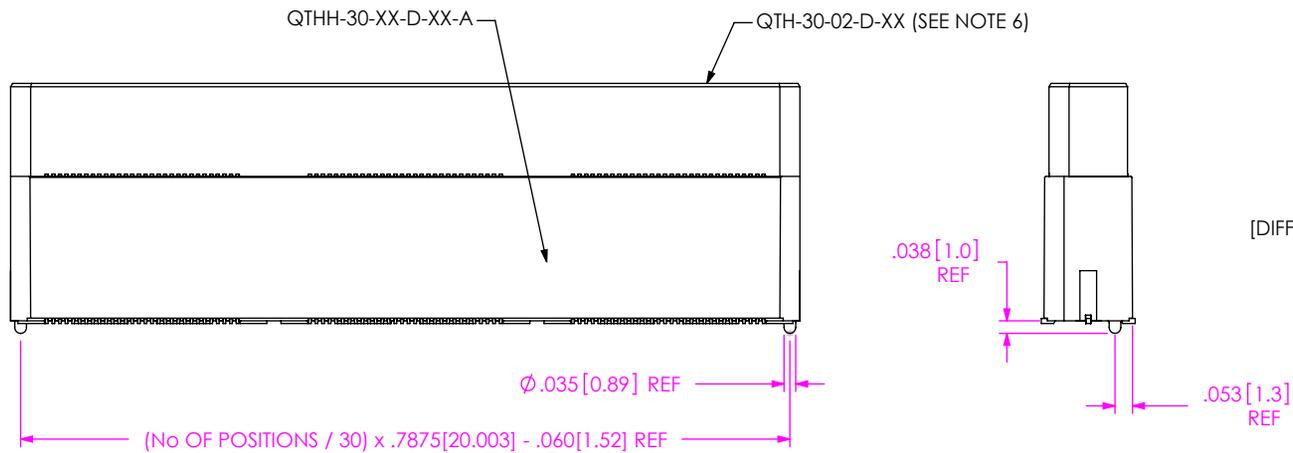


FIG. 2
 -A: ALIGNMENT PIN OPTION
 (CQTH-090-05-X-D-A SHOWN)
 [DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1]
 (STYLES -03 THRU -09, SEE TABLE 4)

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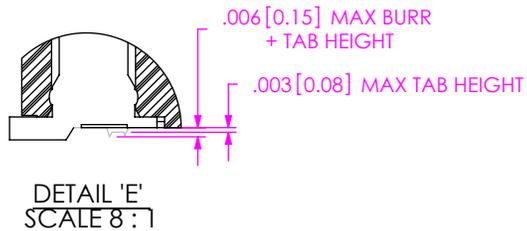


TABLE 4								MATED HEIGHT WITH QSH-01
STYLE	SEE FIGURE	"C" OVERALL HEIGHT	GROUND PLANE	TERMINAL	TOP BODY (SEE NOTE 6)	BOTTOM SPACER BODY (-LC OR NONE)	BOTTOM SPACER BODY (-A)	
-03	4	.4043 [10.269]	T-1G1-03-X	T-1S60-03-X	QTH-30-02-D-XX	QTHH-30-01-D-XX	QTHH-30-01-D-XX-A	.433 [11.00] REF
-04	4	.6001 [15.246]	T-1G1-04-X	T-1S60-04-X	QTH-30-02-D-XX	QTHH-30-01-D-XX	QTHH-30-01-D-XX-A	.630 [16.00] REF
-05	5	.7181 [18.240]	T-1G1-05-X	T-1S60-05-X	QTH-30-02-D-XX	QTHH-30-03-D-XX	QTHH-30-03-D-XX-A	.748 [19.00] REF
-06	5	.8361 [21.237]	T-1G1-06-X	T-1S60-06-X	QTH-30-02-D-XX	QTHH-30-03-D-XX	QTHH-30-03-D-XX-A	.866 [22.00] REF
-07	6	.9542 [24.237]	T-1G1-07-X	T-1S61-01-X	QTH-30-02-D-XX	QTHH-30-04-D-XX	QTHH-30-04-D-XX-A	.984 [25.00] REF
-08	6	1.1511 [29.238]	T-1G1-07-02-X	T-1S61-02-X	QTH-30-02-D-XX	QTHH-30-04-D-XX	QTHH-30-04-D-XX-A	1.181 [30.00] REF
-09	4	.5224 [13.269]	T-1G1-09-X	T-1S60-09-X	QTH-30-02-D-XX	QTHH-30-01-D-XX	QTHH-30-01-D-XX-A	.551 [14.00] REF

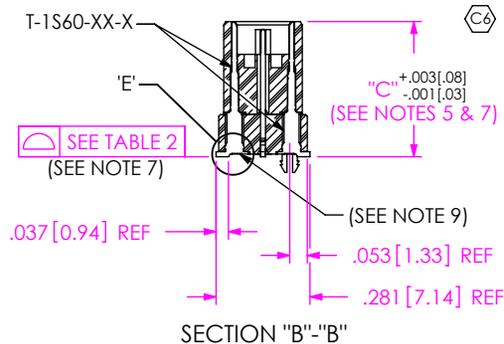
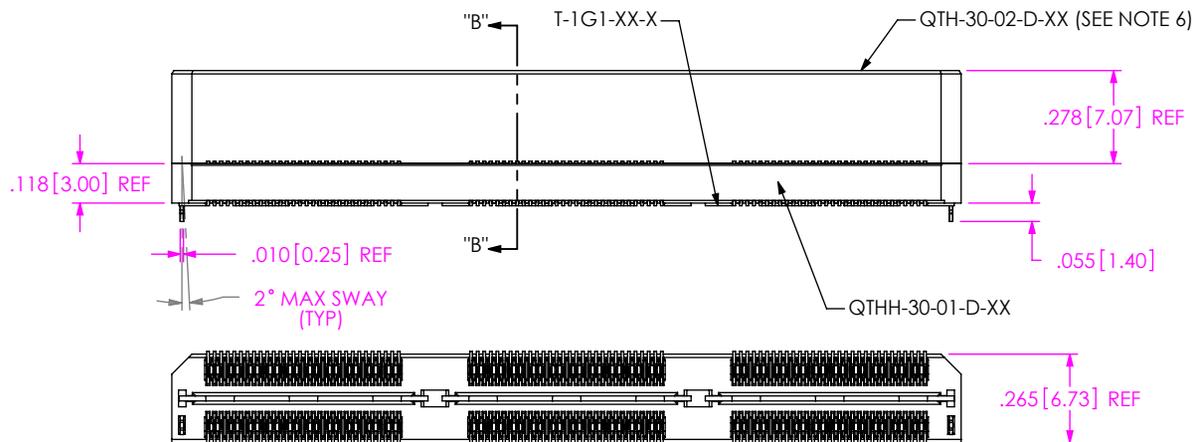


FIG. 3
(CQTH-090-03-X-D-LC SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1)

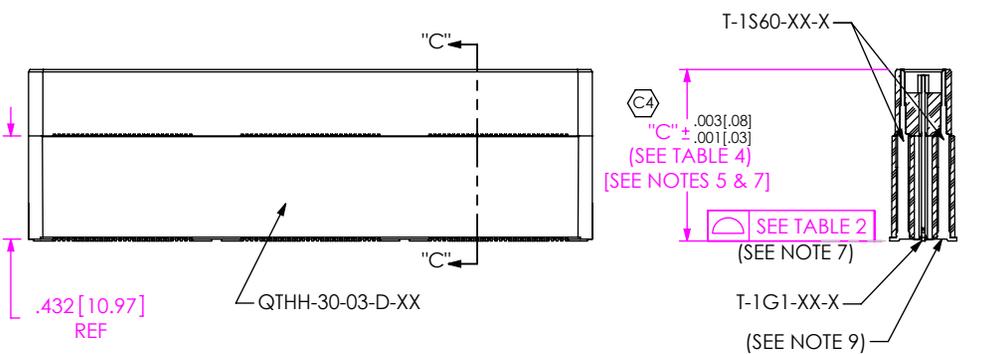


FIG. 4
(CQTH-090-05-X-D SHOWN)
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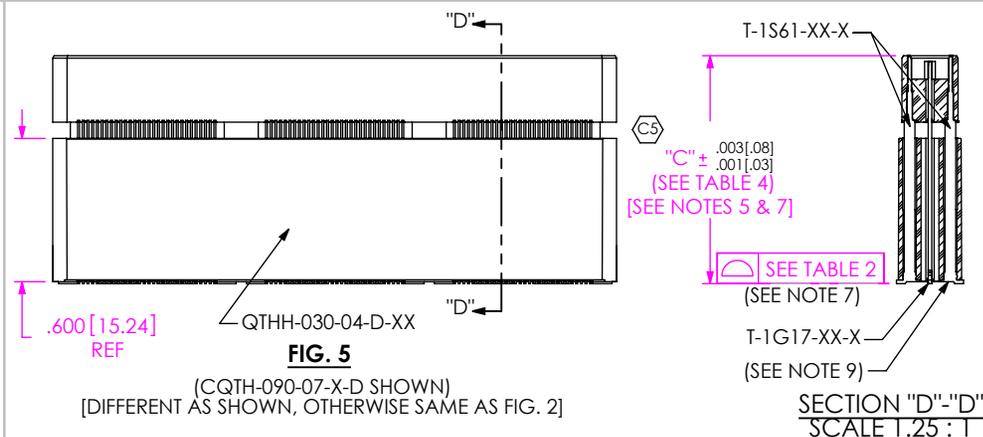


FIG. 5
(CQTH-090-07-X-D SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 2)

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