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With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

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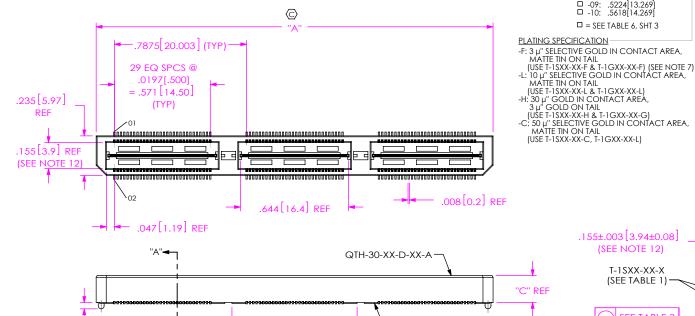
REVISION BH

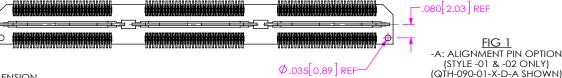
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TABLE 1					MATED HEIGHT			
STYLE	"B"	"C"	BODY (-LC)	BODY (-A)	GROUND PLANE	TERMINAL	WITH QSH-01	
-01	.1680 [4.267]	.1600 [4.064]	QTH-30-01-D-XX	QTH-30-01-D-XX-A	T-1G1-01-X	T-1S39-01-X	.197 [5.00]	REF
-02	.2861 [7.267]	.2781 [7.064]	QTH-30-02-D-XX	QTH-30-02-D-XX-A	T-1G1-02-X	T-1S59-02-X	.3150 [8.00]	REF

TABLE 2				
POS	"A"	"D"		
-030	.788 [20.00]	.728 [18.48]		
-060	1.575 [40.01]	1.515 [38.48]		
-090	2.363 [60.01]	2.303 [58.48]		
-120	3.150 [80.01]	3.090 [78.49]		
-150	3.938 [100.01]	3.878 [98.49]		

TABLE 3				
COPLANARITY INCLUDING				
GROUND PLANE				
.004 [0.10]				
.006 [0.15]				





.745 18.9 REF

"D" REF

QTH-XXX-XX-X-D-XXX OPTION
-LC: LOCKING CLIPS
(USE LC-08-TM-01, SEE FIG 2, SHT 2)) (USE QTH-30-XX-D-XX-A FOR -01 & -02)

(USE QHI-30-XX-D-XX-A FOR -01 & -02) (FOR -03 THRU -10 SEE TABLE 6, SHT 3) -K: POLYIMIDE FILM (USE K-DOT-.276-.375-.005) (AVAILABLE ON -01 THRU -04, -09 & -10 ONLY) (SEE FIG 4, SHT 2) -TR: TAPE & REEL (-090 POS MAX) (-060 POS MAX W/ -GP OPTION) (N/A ON -05 THRU -08) (SEE FIG 12, SHT 6) -GP: CIUDE POSTS

-GP: GUIDE POSTS (AVAILABLE ON -01 & -02 ONLY) USE QTH-30-XX-D-XX-X-GP) (SEE FIG 8, SHT 4)
-FL: FRICTION LOCKS (SEE FIG 8, SHT 4)

(NOT AVAILABLE WITH -GP) -RT1: RETENTION OPTION (SEE FIG 10, SHT 5) (ONLY AVAILABLE ON -01 LEAD STYLE)

(ONLY AVAILABLE ON -01 LEAD SIYLE)
(MUST USE -A OPTION)
(USE QTH-30-01-D-XX-A-RT1 & T-1R36-01-F)
(NOT AVAILABLE WITH -LC, -GP, OR -FL)
-L: LATCHING OPTION (SEE FIG 11, SHT 5)
(ONLY AVAILABLE ON -01 LEAD STYLE)
(USE QTH-30-01-D-XX-L)
(NOT AVAILABLE WITH -LC, -GP, -FL, OR -RT1)
LACA DOS MASY

(-060 POS MAX)

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

.155±.003 [3.94±0.08] (SEE NOTE 12) "B"^{+.003} [.08] © T-1SXX-XX-X (SEE NOTE 5 & 8) (SEE TABLE 1) SEE TABLE 3 .098 [2.49] REF (SEE NOTE 8) (SEE NOTE 10) .015[0.4] REF .031 [0.8] REF .280 [7.11] SECTION "A"-"A"

1. © 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.

.038 0.95 REF

4. PARTS TO BE MOLDED TO POSITION.

5. MAXIMUM VARIANCE OF .002 [0.05]. APPLIES TO SIGNAL OR GROUNDS INDEPENDENT OF THE GROUND OR SIGNAL PINS RESPECTIVELY.

6. LEAD STYLES -03 THRU -10: TOP BODY (QTH) CANNOT HAVE -A OPTION.

7. -L PLATING CAN BE SUBSTITUTED FOR -F PLATING.

8. GROUND PLANE PRESS HEIGHT MUST BE .003 [0.07] LESS THAN THE MAXIMUM HEIGHT OR .002 [0.05] GREATER THAN THE MINIMUM HEIGHT OF SIGNAL PIN.

"A"

9. T-1R36 RETENTION TO BODY TO BE 1.0 LBF.

10. CUT OFF BURR NOT TO EXCEED .003 [0.08] IN ANY DIRECTION, BURR PLUS TAB HEIGHT NOT TO EXCEED .006 [0.15].

11. FOR NEW APPLICATIONS REQUIRING THESE POSITIONS, PLEASE CONTACT SAMTEC INTERCONNECT PROCESSING GROUP

12. PIN CAN EXTEND PAST WALL .003 [0.08] MAX.

C1, C2, C3 C4, C5

T-1G1-XX-X

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: **ANGLES DECIMALS**

INSULATOR: LCP UL94V-0, COLOR: BLACK

TERMINAL & GROUND PLANE: PHOS BRONZE

.XX: ±.01[0.3] .XXX: ±.005[0.13] .XXXX: ±.0020[0.051]

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FIG 1

No OF POSITIONS -030, -060, -090, *-120, *-150 (PER ROW) * (SEE NOTE 11)

□ -06:

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

□ -09: .5224[13.269 □ -10: .5618[14.269

□ = SEE TABLE 6, SHT 3

.8361[21.237 □ -07: .9542[24.237 □ -08: 1.1511[29.238

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DESCRIPTION:

.5mm DOUBLE ROW HS TERMINAL ASSEMBLY

DWG. NO.

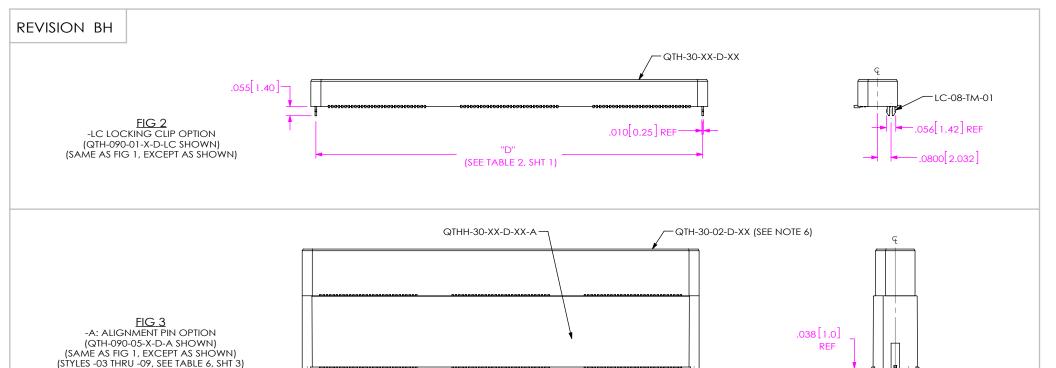
QTH-XXX-XX-X-D-XXX

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

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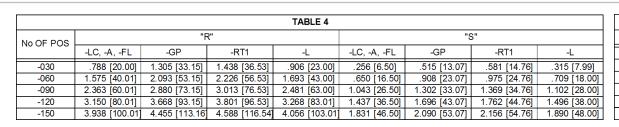
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"D" REF

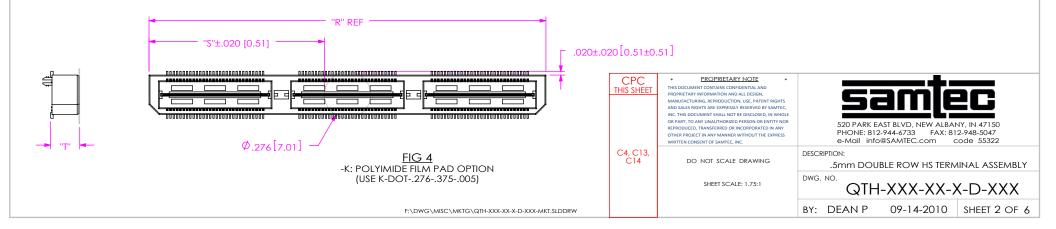
(SEE TABLE 2, SHT 1)



Ø.035[0.89] REF

TABLE 5			
STYLE	"Т"		
-01	.173 [4.39]		
-02	.290 [7.37]		
-03	.409 [10.39]		
-04	.605 [15.37]		
-09	.527 [13.39]		
-10	.566 [14.38]		

.080 2.03 REF



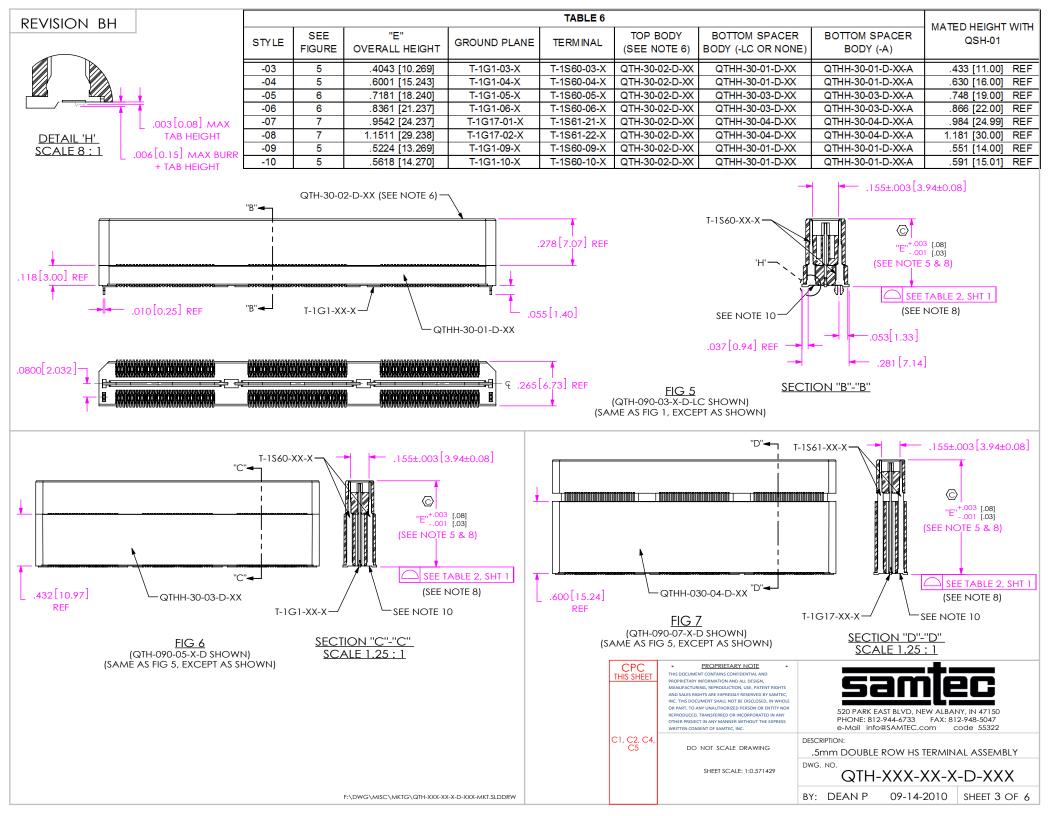
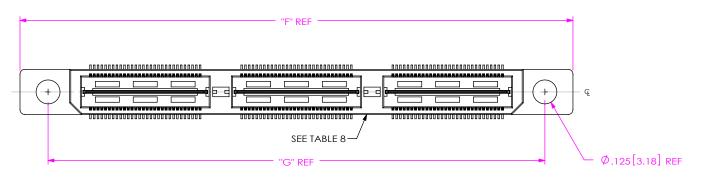


		TABLE 7	
1	POS	"F"	"G"
	-030	1.305 [33.15]	1.013 [25.72]
	-060	2.093 [53.15]	1.800 [45.72]
	-090	2.880 [73.15]	2.588 [65.72]
	-120	3.668 [93.15]	3.375 [85.73]

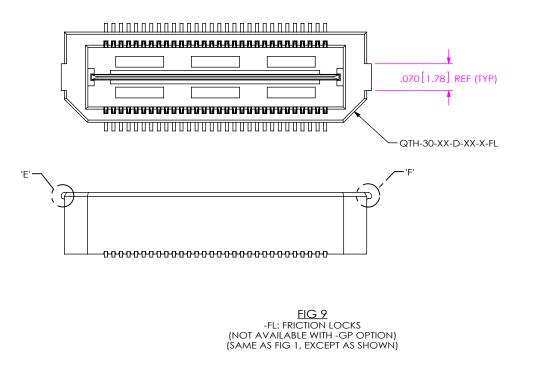
TABLE 8				
STYLE	"H"	BODY		
-01	.3630 [9.220]	QTH-30-01-D-XX-X-GP		
-02	.4810 [12.217]	QTH-30-02-D-XX-X-GP		

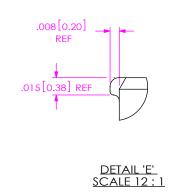


-150

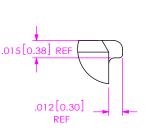


<u>FIG 8</u> (QTH-090-01-X-D-GP SHOWN) (SAME AS FIG 1, EXCEPT AS SHOWN) (AVAILABLE ON -01 & -02 ONLY)





4.455 [113.16] 4.163 [105.73]



DETAIL 'F' **SCALE 12:1**

C6

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.5mm DOUBLE ROW HS TERMINAL ASSEMBLY

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DWG. NO.

QTH-XXX-XX-X-D-XXX

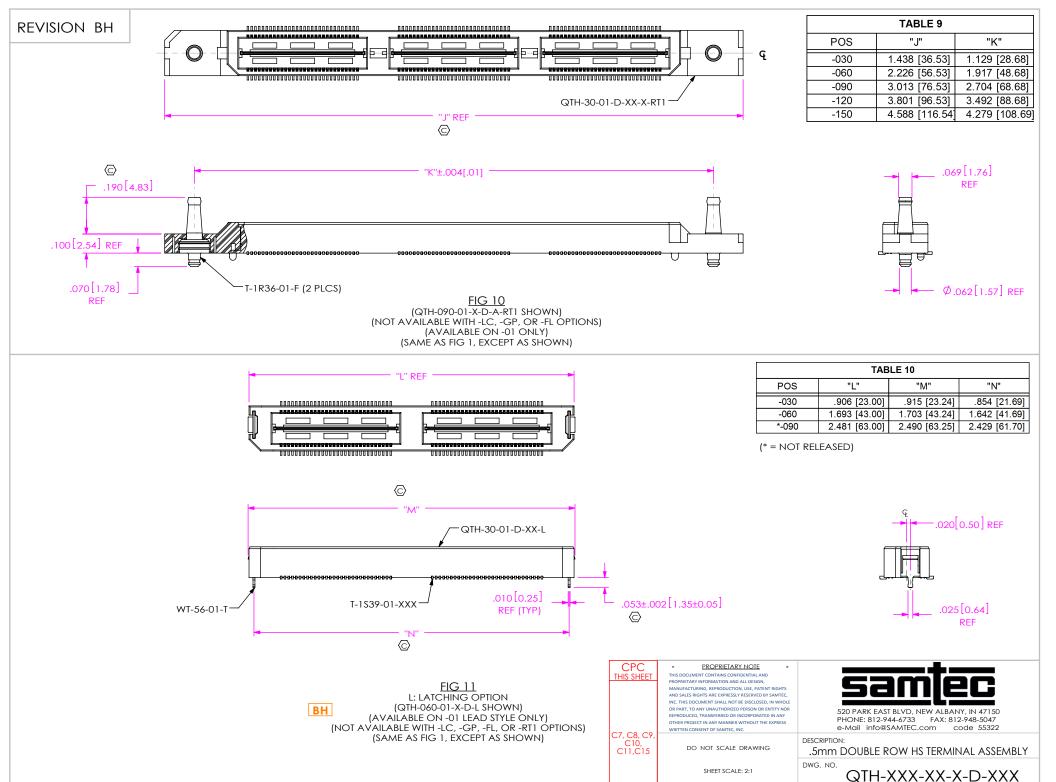
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SHEET SCALE: 2:1

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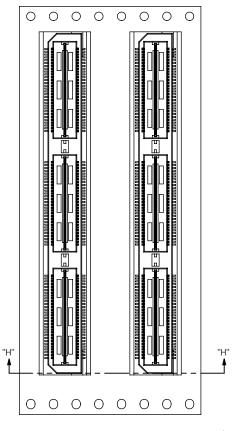
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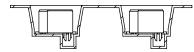


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USER DIRECTION OF UNREELING POCKET NOT DETAILED



<u>SECTION "H"-"H"</u> <u>SCALE 1.5 : 1</u>

FIG 12 -TR: TAPE & REEL (QTH-090-01-X-D-LC-TR SHOWN) (-060 POS MAX) (-060 POS MAX W/-GP OPTION) (N/A ON -05 THRU -08) (SAME AS FIG 1, EXCEPT AS SHOWN)

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DESCRIPTION:

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