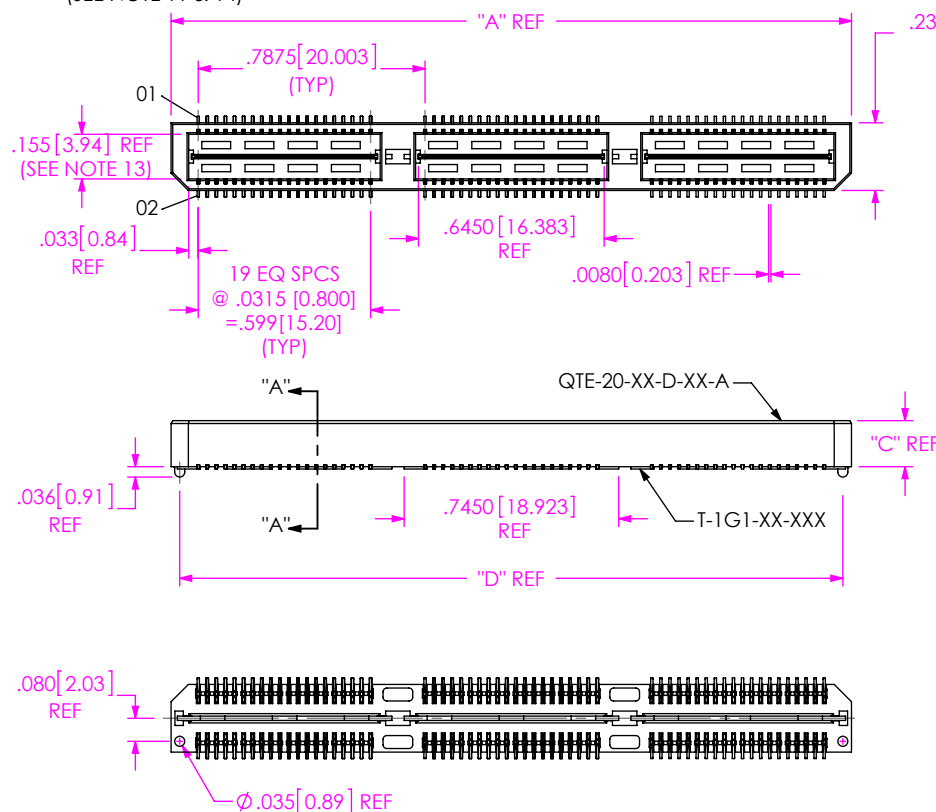


* = (SEE NOTE 11 & 14)

NOTES:


1.  REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM TERMINAL RETENTION: 8 OZ.
3. MINIMUM GROUND PLANE RETENTION: 1 LB.
4. PARTS TO BE MOLDED TO POSITION.
5. MAXIMUM VARIANCE OF .002 [0.05].
6. DIMENSION APPLIES TO TERMINALS AND GROUND PLANE.
7. T-1SXX-XX-L CAN BE SUBSTITUTED FOR T-1SXX-XX-F.
8. NOTE DELETED.
9. GROUND PLANE PRESS HEIGHT MUST BE .003[0.08] LESS THAN THE MAX HEIGHT OR .001[0.03] GREATER THAN THE MINIMUM HEIGHT OF THE TERMINALS.
10. T-1R36 RETENTION TO BODY TO BE 1.0 LBF.
11. NOTE DELETED.
12. DUE TO THE HIGH AMOUNT OF INSERTION FORCE NEEDED, THE -LC OPTION IS NOT COMPATIBLE WITH AUTO PLACEMENT. SAMTEC RECOMMENDS MANUAL PLACEMENT FOR ALL ASSEMBLIES WITH THE -LC OPTION.
13. PIN CAN EXTEND PAST WALL .003[0.08] MAX.
14. AVAILABLE FOR EXISTING CUSTOMERS ONLY.

FIG 1

-A: ALIGNMENT PIN OPTION
(QTE-060-01-XXX-D-A SHOWN)
(STYLE -01, -02 & -03 ONLY)

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

SEE TABLE 2

.155±.005 [3.937±0.127]
(SEE NOTE 13)

.035[.90] REF

.280[7.11]

.015[.38] REF

"B1+ .003 [0.08]
-.001 [0.03]
(SEE NOTES 6 & 9)

SECTION "A"-"A"


<p>UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS ANGLES</p> <p>.XX: ±.01 [0.3] 2° .XXX: ±.005 [0.13] .XXXX: ±.0020 [0.051]</p>	<p align="center"><u>PROPRIETARY NOTE</u></p> <p>THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.</p>	<div style="text-align: center;">  </div> <p>520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail info@SAMTEC.com code 55322</p>
<p>MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:5.1</p> <p>INSULATOR: LCP, UL94V-0; COLOR: BLACK TERMINAL: PHOS BRONZE GROUND PLANE: PHOS BRONZE</p>	<p>DESCRIPTION:</p> <p align="center">.8mm DOUBLE ROW HS TERMINAL ASSEMBLY</p> <hr/> <p>DWG. NO. QTE-XXX-XX-XXX-D-XXX</p>	
<p>F:\DWG\MISC\MTK\QTE-XXX-XX-XXX-D-XXX-MKT.SLDRW</p>	<p>BY: DEAN P 09-14-2010</p>	<p>SHEET 1 OF 7</p>



FIG 2
-LC: LOCKING CLIP OPTION
(QTE-060-01-XXX-D-LC SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

TABLE 4								
No OF POS	"R"				"S"			
	-LC, -A, -FL	-GP, -SD	-RT1	-L	-LC, -A, -FL	-GP, -SD	-RT1	-L
-020	.788 [20.00]	1.305 [33.15]	1.438 [36.53]	.906 [23.00]	.256 [6.50]	.515 [13.07]	.581 [14.76]	.315 [7.99]
-040	1.575 [40.01]	2.093 [53.15]	2.226 [56.53]	1.693 [43.00]	.650 [16.50]	.908 [23.07]	.975 [24.76]	.709 [18.00]
-060	2.363 [60.01]	2.880 [73.15]	3.013 [76.53]	N/A	1.043 [26.50]	1.302 [33.07]	1.369 [34.76]	N/A
*-080	3.150 [80.01]	3.668 [93.15]	3.801 [96.53]	N/A	1.437 [36.50]	1.696 [43.07]	1.762 [44.76]	N/A
*-100	3.938 [100.01]	4.455 [113.16]	N/A	N/A	1.831 [46.50]	2.090 [53.07]	N/A	N/A

* = (SEE NOTE 11 & 14)

TABLE 5	
STYLE	"T"
-01	.173[4.39]
-02	.291[7.39]
-03	.409[10.39]
-04	.605[15.37]
-05	.721[18.31]
-06	.840[21.33]
-09	.528 [13.41]
-10	.567[14.37]

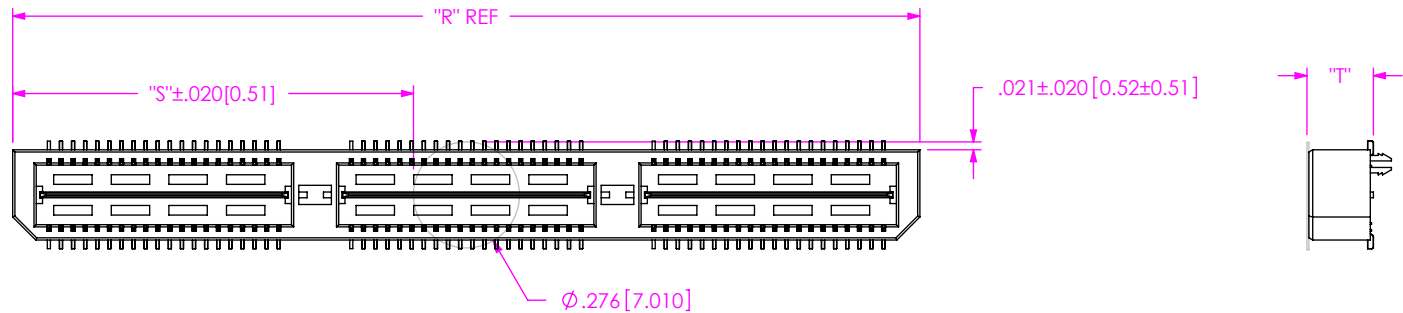


FIG 3
-K: POLYIMIDE FILM PAD
(USE K-DOT-.276-.375-.005)

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

DESCRIPTION:
.8mm DOUBLE ROW HS TERMINAL ASSEMBLY

DWG. NO.
QTE-XXX-XX-XXX-D-XXX

BY: DEAN P 09-14-2010 SHEET 2 OF 7

TABLE 6		
POS	"E"	"F"
-020	1.305 [33.15]	1.013 [25.72]
-040	2.093 [53.15]	1.800 [45.72]
-060	2.880 [73.15]	2.588 [65.72]
*-080	3.668 [93.15]	3.375 [85.73]
*-100	4.455 [113.16]	4.163 [105.73]

* = (SEE NOTE 11 & 14)

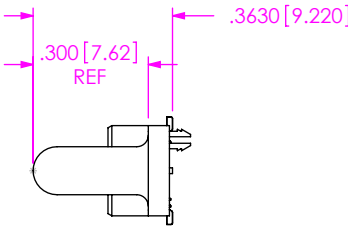
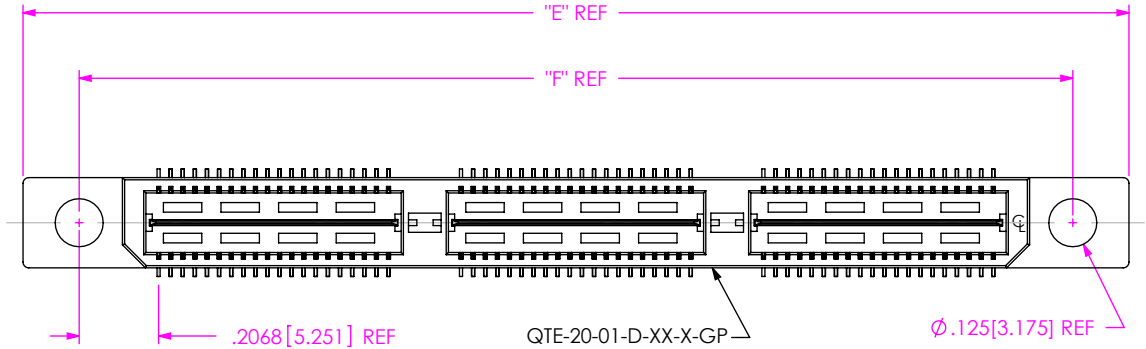


FIG 4
-GP: GUIDE POST OPTION
(QTE-060-01-XXX-D-GP SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(AVAILABLE ON STYLE -01 ONLY)

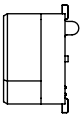
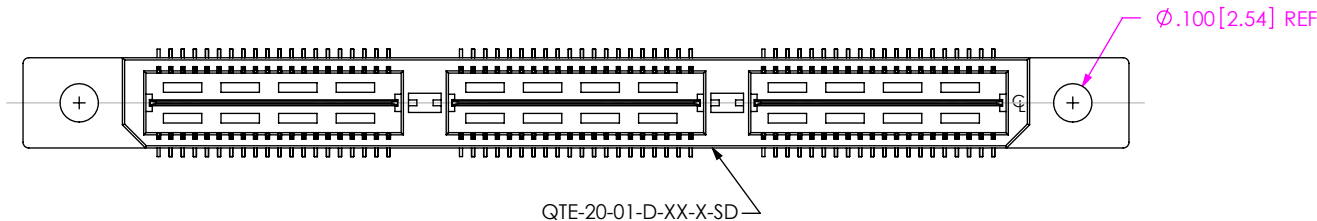


FIG 5
-SD: SCREW DOWN OPTION
(QTE-060-01-XXX-D-A-SD SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 4)
(AVAILABLE ON STYLE -01 ONLY)


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DO NOT SCALE DRAWING		DESCRIPTION: .8mm DOUBLE ROW HS TERMINAL ASSEMBLY	
SHEET SCALE: 2:1		DWG. NO. QTE-XXX-XX-XXX-D-XXX	
		BY: DEAN P	09-14-2010 SHEET 3 OF 7

FIG 6
QTE-060-04-X-D-LC SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(STYLES -04, -05 & -06)

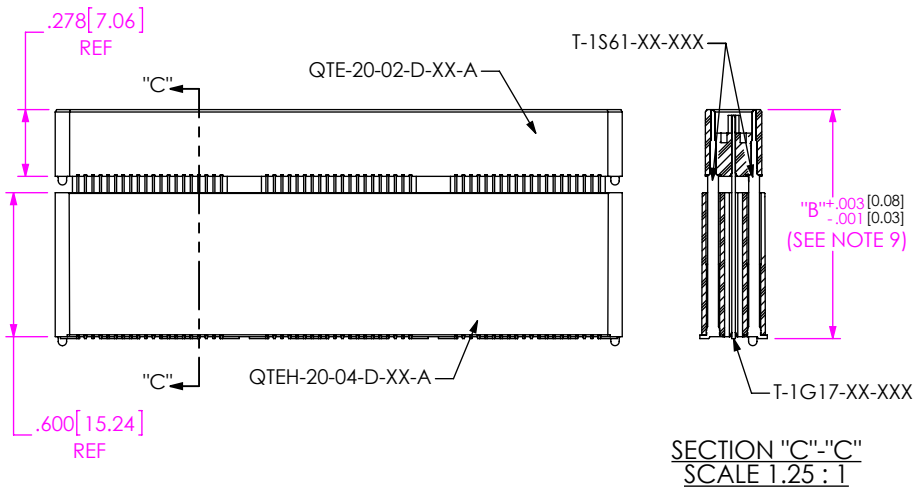
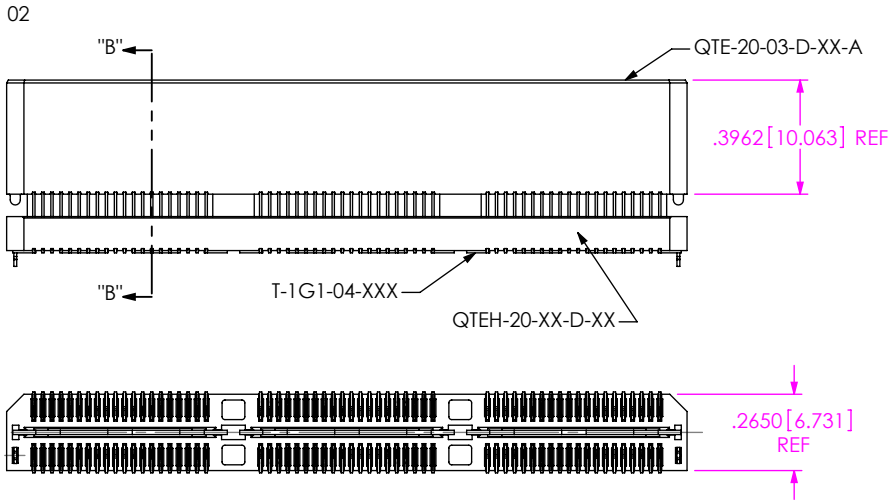
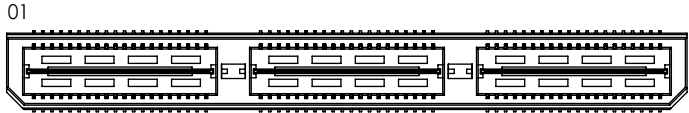


FIG 7
QTE-060-07-X-D-A SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 6)
(STYLES -07 & -08)

TABLE 7						MATED HEIGHT WITH QSE-01
STYLE	"B"	GROUND PLANE	TERMINAL	BOTTOM SPACER BODY	TOP BODY	
-04	.6010 [15.265]	T-1G1-04-XXX	T-1S41-04-XXX	QTEH-20-01-D-XX-X	QTE-20-03-D-XX-X	.630[16.00] REF
-05	.7190 [18.263]	T-1G1-05-XXX	T-1S41-05-XXX	QTEH-20-01-D-XX-X	QTE-20-03-D-XX-X	.748[19.00] REF
-06	.8370 [21.260]	T-1G1-06-XXX	T-1S41-06-XXX	QTEH-20-02-D-XX-X	QTE-20-03-D-XX-X	.866[22.00] REF
-07	.9540 [24.232]	T-1G17-01-XXX	T-1S61-21-XXX	QTEH-20-04-D-XX-X	QTE-20-02-D-XX-X	.984[25.00] REF
-08	1.1510 [29.235]	T-1G17-02-XXX	T-1S61-22-XXX	QTEH-20-04-D-XX-X	QTE-20-02-D-XX-X	1.181[30.00] REF
-09	.5220 [13.259]	T-1G1-09-XXX	T-1S60-09-XXX	QTEH-20-01-D-XX-X	QTE-20-02-D-XX-X	.551[14.00] REF
-10	.5606 [14.239]	T-1G1-10-XXX	T-1S60-10-XXX	QTEH-20-01-D-XX-X	QTE-20-02-D-XX-X	.591[15.00] REF

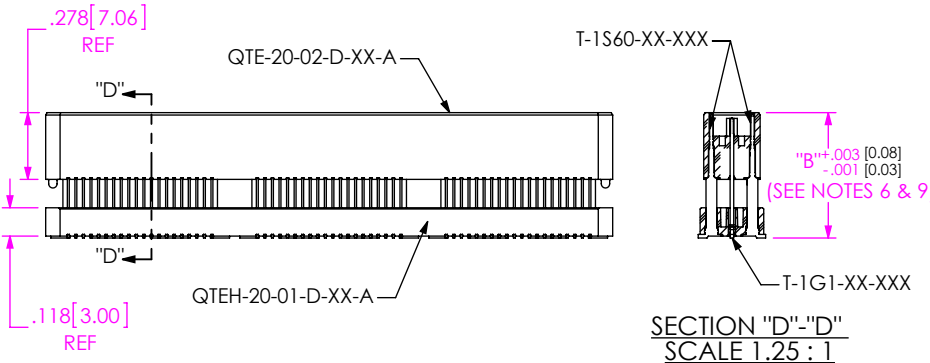
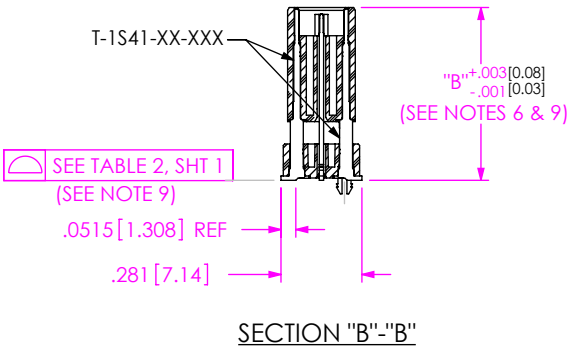


FIG 8
QTE-060-09-X-D-A SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 6)
(STYLES -09 & -10)

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

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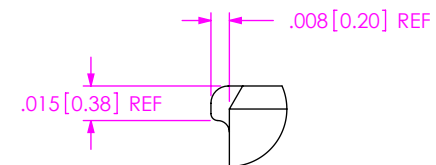
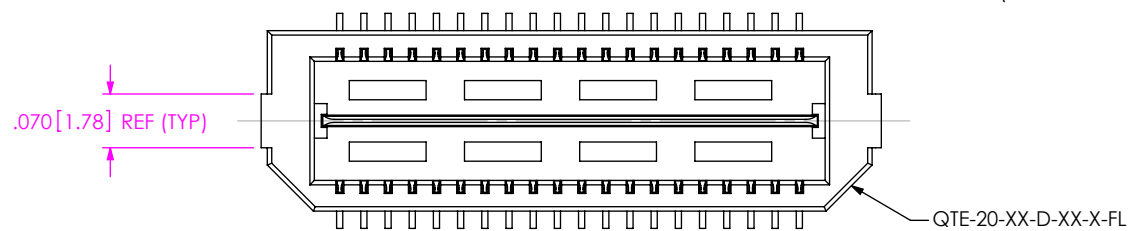
SHEET SCALE: 1.5:1

DESCRIPTION:
.8mm DOUBLE ROW HS TERMINAL ASSEMBLY

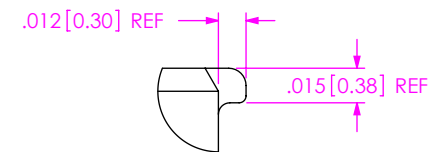
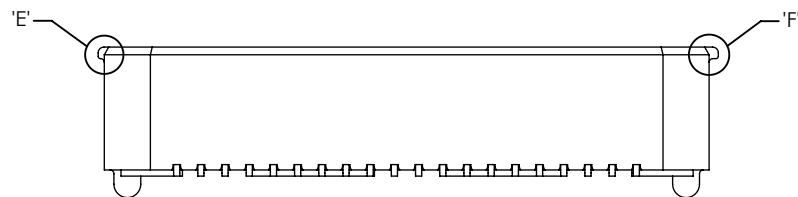
DWG. NO.
QTE-XXX-XX-XXX-D-XXX

BY: DEAN P 09-14-2010 SHEET 4 OF 7

FIG 9
 -FL: FRICTION LOCKS
 (QTE-020-01-XXX-D-A-FL SHOWN)
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
 (ONLY AVAILABLE ON -01 & -02 LEAD STYLES)
 (NOT AVAILABLE WITH -GP, -SD OPTIONS)



DETAIL 'E'
 SCALE 12:1



DETAIL 'F'
 SCALE 12:1

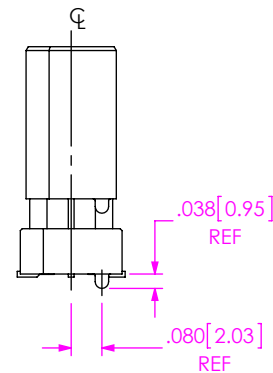
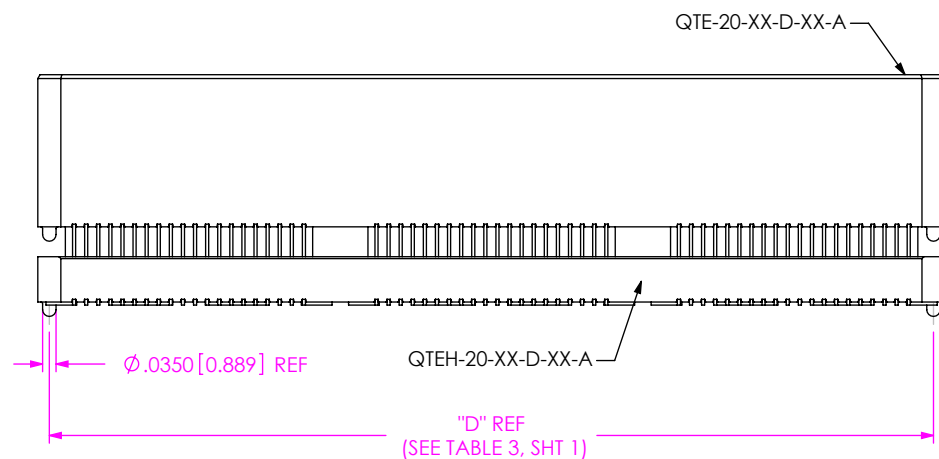


FIG 10
 (QTE-020-04-XXX-D-A SHOWN)
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
 (STYLES -04, -05, -06, -07, -08, -09 & -10, SEE TABLE 7, SHT 4)

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SHEET SCALE: 2:1

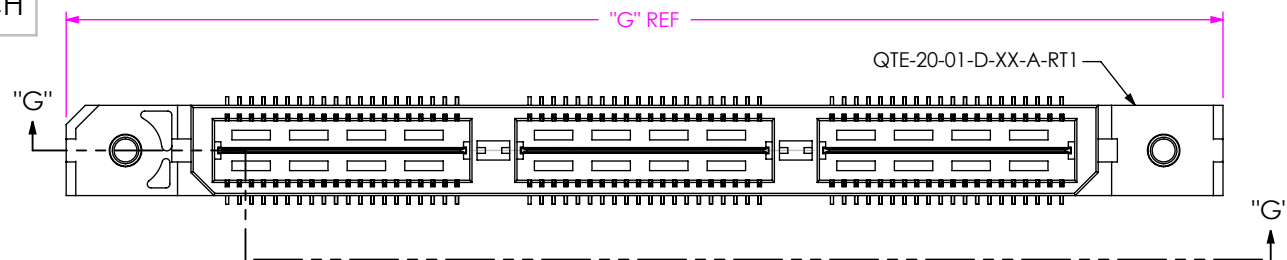
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 .8mm DOUBLE ROW HS TERMINAL ASSEMBLY

DWG. NO.
QTE-XXX-XX-XXX-D-XXX

BY: DEAN P 09-14-2010 SHEET 5 OF 7



.190 [4.83]
(SEE NOTE 10)

.100 [2.54]

.070 [1.78]

SECTION "G"-"G"

T-1R36-01-F (2 PLCS)

FIG 11

-RT1: RETENTION OPTION
(QTE-060-01-XXX-D-A-RT1 SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(ONLY AVAILABLE ON -01 LEAD STYLE) (MUST USE -A OPTION)
(NOT AVAILABLE WITH -LC, -GP, -SD, OR -FL OPTIONS)
(NOT AVAILABLE ON -100 POSITION)

TABLE 8		
POS	"G"	"H"
-020	1.438 [36.53]	1.129 [28.68]
-040	2.226 [56.53]	1.917 [48.68]
-060	3.013 [76.53]	2.704 [68.68]
*-080	3.801 [96.53]	3.492 [88.68]
*-100	N/A	N/A

* = (SEE NOTE 11 & 14)

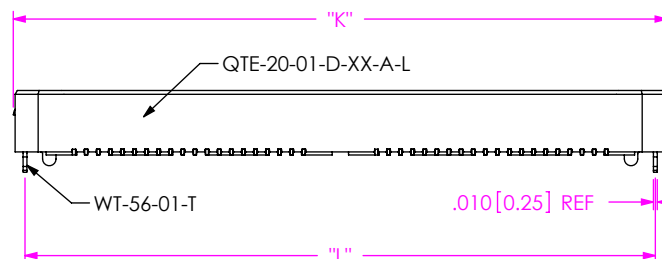
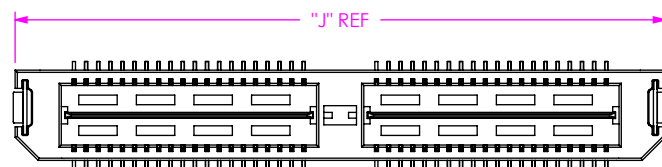
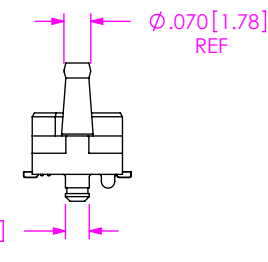
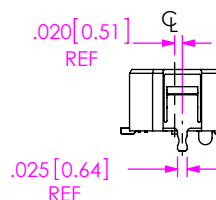


FIG 12

-L: LATCHING OPTION
(QTE-040-01-XXX-D-A-L SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(40 POS. MAX.) (MUST USE -A OPTION)
(AVAILABLE ON -01 LEAD STYLE ONLY)
(NOT AVAILABLE WITH -LC, -GP, -SD, -FL, OR -RT1)

TABLE 9			
POS	"J"	"K"	"L"
-020	.906 [23.00]	.915 [23.24]	.854 [21.69]
-040	1.693 [43.00]	1.703 [43.24]	1.642 [41.69]
-060	N/A	N/A	N/A
*-080	N/A	N/A	N/A
*-100	N/A	N/A	N/A

* = (SEE NOTE 11 & 14)



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SHEET SCALE: 2:1

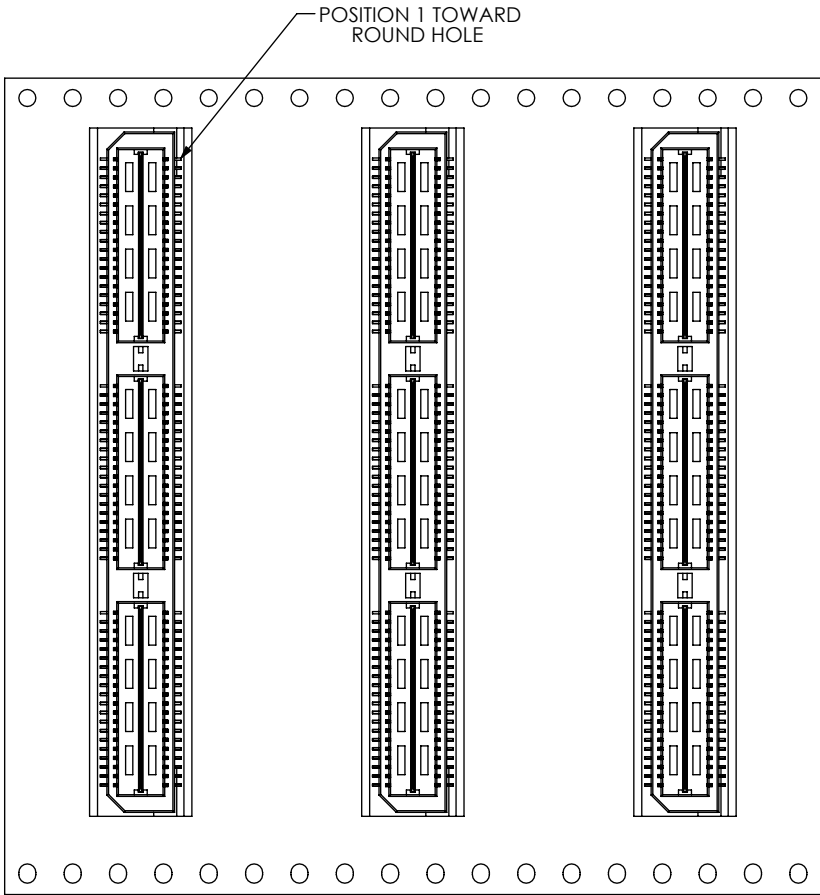
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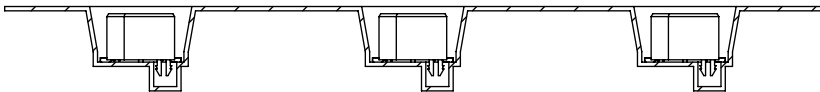
DESCRIPTION:
.8mm DOUBLE ROW HS TERMINAL ASSEMBLY
DWG. NO. QTE-XXX-XX-XXX-D-XXX

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FIG 13
-TR: PACKAGING OPTION
(QTE-060-01-XXX-D-LC-TR SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(60 POS MAX)
(40 POS MAX WITH -GP OPTION)
(NOT AVAILABLE ON LEAD SYTLES -05, -06, -07 & -08)



USER DIRECTION OF UN-REELING ———▶
POCKET NOT DETAILED



CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE	
ASSEMBLY OPERATION	IN PROCESS INSPECTION
FILL T-1SXX	C1, C2, C3, C4, C5
ADD -LC OPTION	C14
ADD -RT1 OPTION	C6, C8
ADD -L OPTION	C9, C10, C11
ADD -K OPTION	C16, C15
CPC'S INTENTIONALLY DELETED: C7, C12	

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	DESCRIPTION: .8mm DOUBLE ROW HS TERMINAL ASSEMBLY		
	DWG. NO. QTE-XXX-XX-XXX-D-XXX		
DO NOT SCALE DRAWING	BY: DEAN P 09-14-2010		SHEET 7 OF 7
SHEET SCALE: 1:0.8			