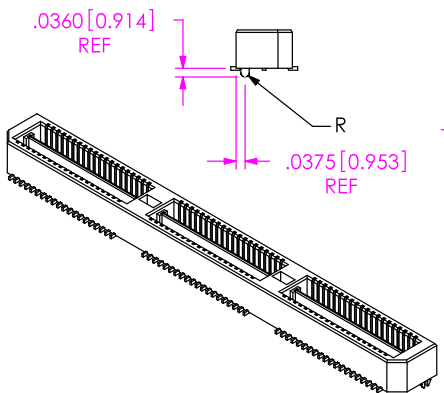
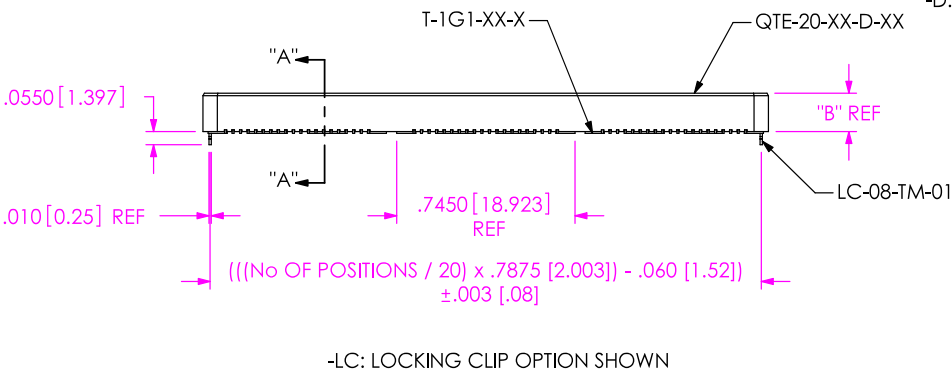
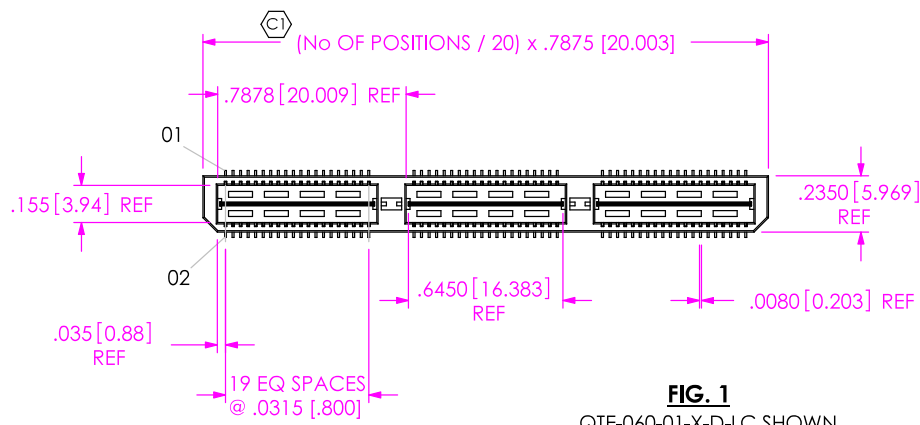


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-A: ALIGNMENT PIN OPTION SHOWN
(STYLES -01, -02 & -03)

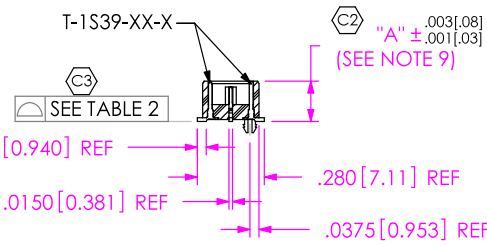
TABLE 2	
No OF POSITIONS	COPLANARITY INCLUDING GP
-020 THRU -060	.004 [.10]
-080 THRU -100	.006 [.15]

TABLE 1						MATED HEIGHT WITH QSE-01
STYLE	"A"	"B"	BODY	GROUND PLANE	TERMINAL	
-01	.1680 [4.267]	.1600 [4.064]	QTE-20-01-D-XX	T-1G1-01-X	T-1S39-01-X	.197 [5.00] REF
-02	.2861 [7.267]	.2781 [7.064]	QTE-20-02-D-XX	T-1G1-02-X	T-1S59-02-X	.315 [8.00] REF
-03	.4042 [10.267]	.3962 [10.063]	QTE-20-03-D-XX	T-1G1-03-X	T-1S39-03-X	.433 [11.00] REF

QTE-XXX-XX-X-D-XXX

- No OF POSITIONS**
-020, -040, -060, -080, -100 (PER ROW)
- LEAD STYLE**
-01: .1680 [4.267]
-02: .2861 [7.267]
-03: .4042 [10.267]
-04: .6010 [15.265]
-05: .7190 [18.263]
-06: .8370 [21.260]
-07: .9540 [24.231]
-08: 1.1510 [29.260]
-09: .5220 [13.258]
-10: .5606 [14.239]
- PLATING SPECIFICATION**
-F: FLASH SELECTIVE GOLD (USE T-1SXX-XX-F, T-1G1-XX-F) (SEE NOTE 07)
-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)
- ROW SPECIFICATION**
-D: DOUBLE (USE QTE-20-XX-D-XX & QTEH-20-XX-D-XX)
- No OF BANKS**

- OPTION**
-A: ALIGNMENT PINS
-LC: LOCKING CLIPS (USE LC-08-TM-01)
-K: POLYAMIDE FILM (USE K-500-300, SEE FIG. 2) (N/A ON STYLE -07 & -08)
-TR: TAPE & REEL (60 POS. MAX) (40 FOR -GP OPTION) (N/A ON STYLE -05, -06, -07, & -08)
-GP: GUIDE POSTS (AVAILABLE ON -01 ONLY) (USE QTE-20-01-D-XX-GP) (SEE FIG. 3, SHT. 2) (T & R PACK: 40 POS. MAX.)
-SD: SCREW DOWN (AVAILABLE ON -01 ONLY) (USE QTE-20-001-D-XX-SD) (SEE FIGURE 4, SHEET 2)
-TY: TRAY PACKAGING
-FL: FRICTION LOCKS (SEE FIG. 8, SHEET 4) (ONLY AVAILABLE ON -01 & -02) (NOT AVAILABLE WITH -GP, -SD)
-RT1: RETENTION OPTION (SEE FIG. 9, SHEET 5) (ONLY AVAILABLE ON -01 LEAD STYLE) (MUST USE -A OPTION) (USE QTE-20-01-D-XX-A-RT1 & T-1R36-01-F) (NOT AVAILABLE WITH -LC, -GP, -SD, OR -FL) (NOT AVAILABLE ON -080 & -100 POS)



SECTION "A"- "A"

- NOTES:**
1. C2 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 [.05].
 6. DIMENSION APPLIES TO TERMINALS AND GROUND PLANE.
 7. T-1SXX-XX-L CAN BE SUBSTITUTED FOR T-1SXX-XX-F; T-1G-XX-G CAN BE SUBSTITUTED FOR T-1G-XX-F.
 8. NOTE DELETED.
 9. GROUND PLANE PRESS HEIGHT MUST BE .003 [.08] LESS THAN THE MAX HEIGHT OR .001 [.03] GREATER THAN THE MINIMUM HEIGHT OF THE TERMINALS.
 10. T-1R36 RETENTION TO BODY TO BE 1.0 LBF.

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: DO NOT SCALE DRAWING SHEET SCALE: 1:0.8
INSULATOR: LCP, COLOR: BLACK
TERMINAL: PHOS BRONZE
GROUND PLANE: PHOS BRONZE

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

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

DESCRIPTION:
.8mm DOUBLE ROW HS TERMINAL ASSEMBLY
DWG. NO. **QTE-XXX-XX-X-D-XXX**
BY: DEAN P 5/28/1999 SHEET 1 OF 5

FIG. 2

-K: POLYAMIDE FILM PAD
[USE K-500-300]

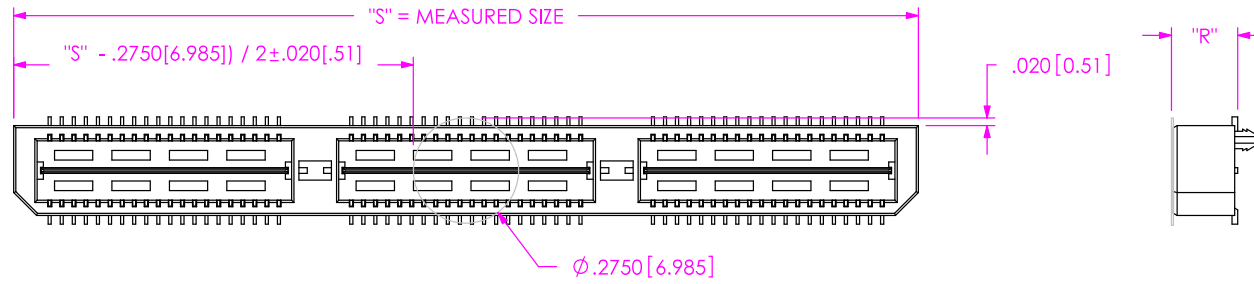


TABLE 3

STYLE	"R"
-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]

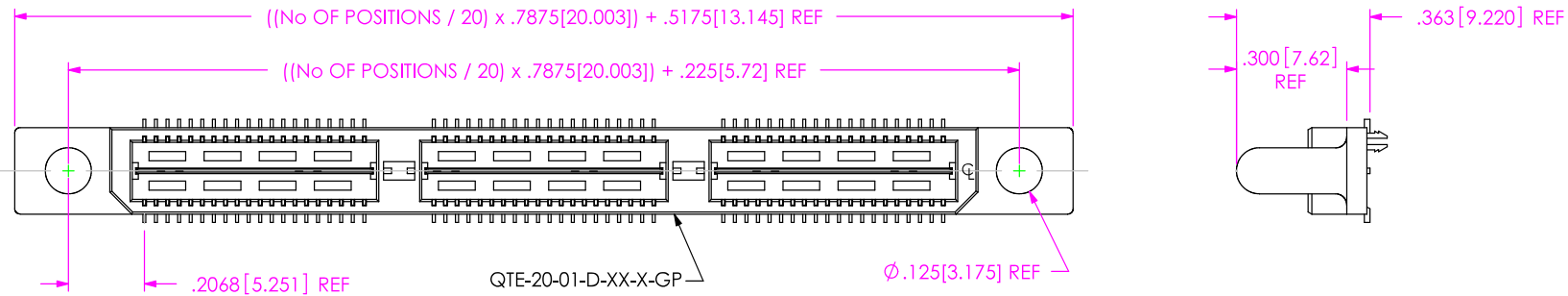


FIG. 3

-GP: GUIDE POST OPTION
(-01 LEAD STYLE ONLY)
(SAME AS FIG. 1, UNLESS OTHERWISE STATED)

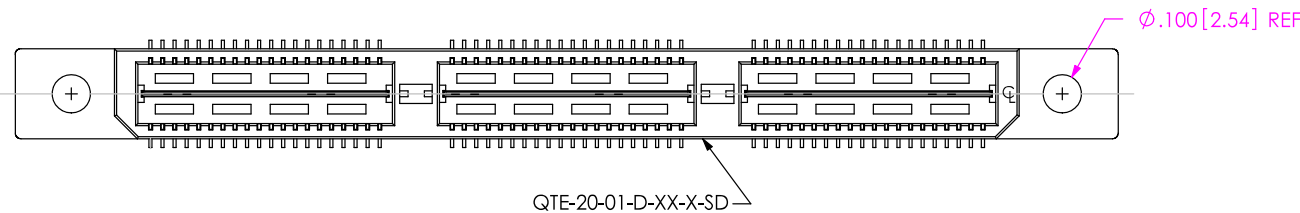


FIG. 4

-SD: SCREW DOWN OPTION
(-01 LEAD STYLE ONLY)
(SAME AS FIG. 3, UNLESS OTHERWISE STATED)

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.8mm DOUBLE ROW HS TERMINAL ASSEMBLY

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

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FIG. 5
QTE-060-04-X-D-LC SHOWN
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 1]
(STYLES -04, -05 & -06)

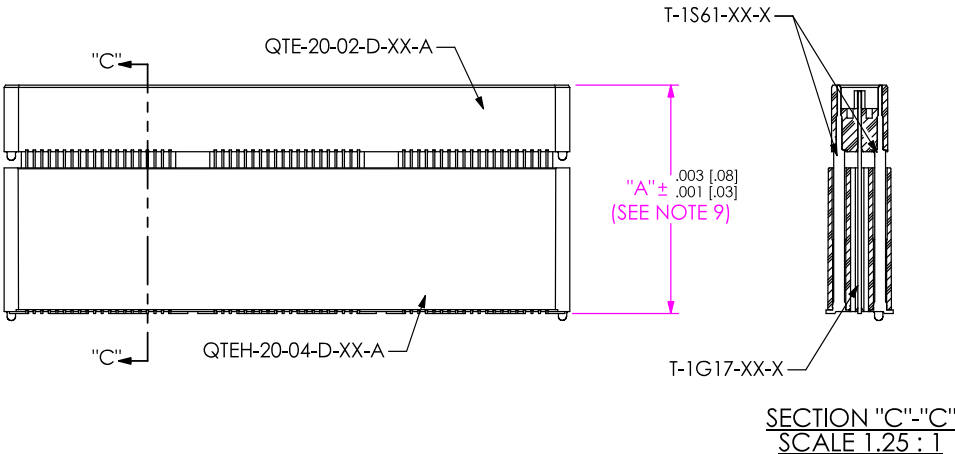
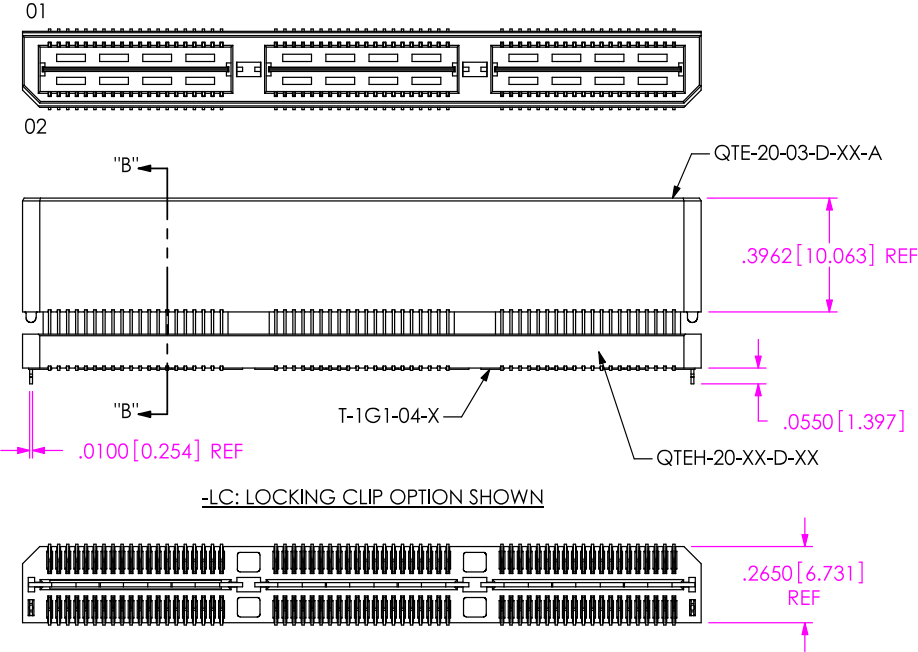


FIG. 6
QTE-060-07-X-D-A SHOWN
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 5]
(STYLES -07 & -08)

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

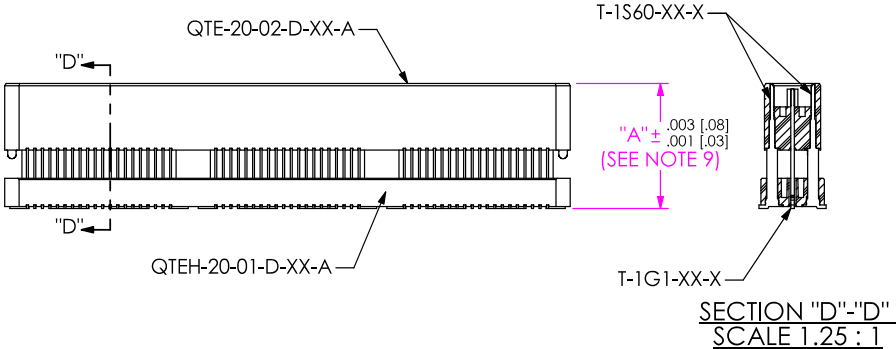
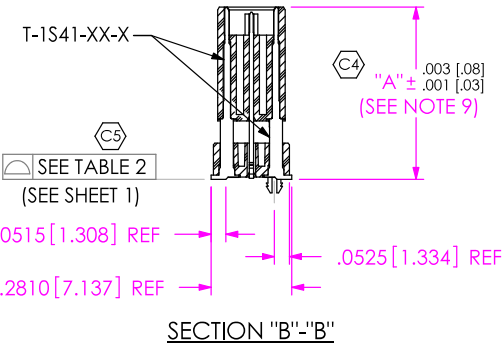


FIG. 7
QTE-060-09-X-D-A SHOWN
[DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG. 5]
(STYLES -09 & -10)

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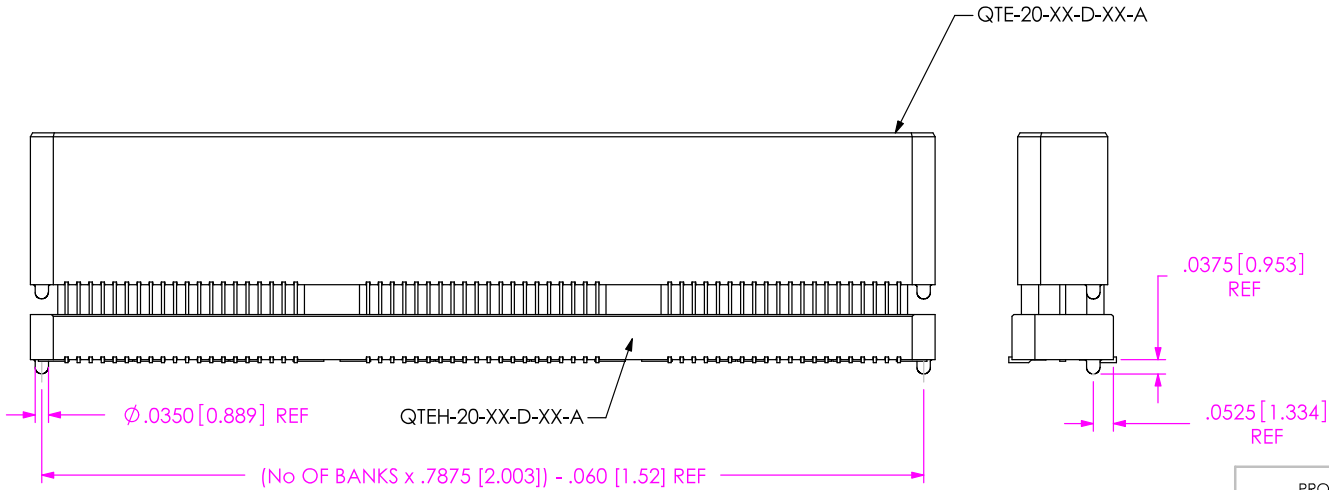
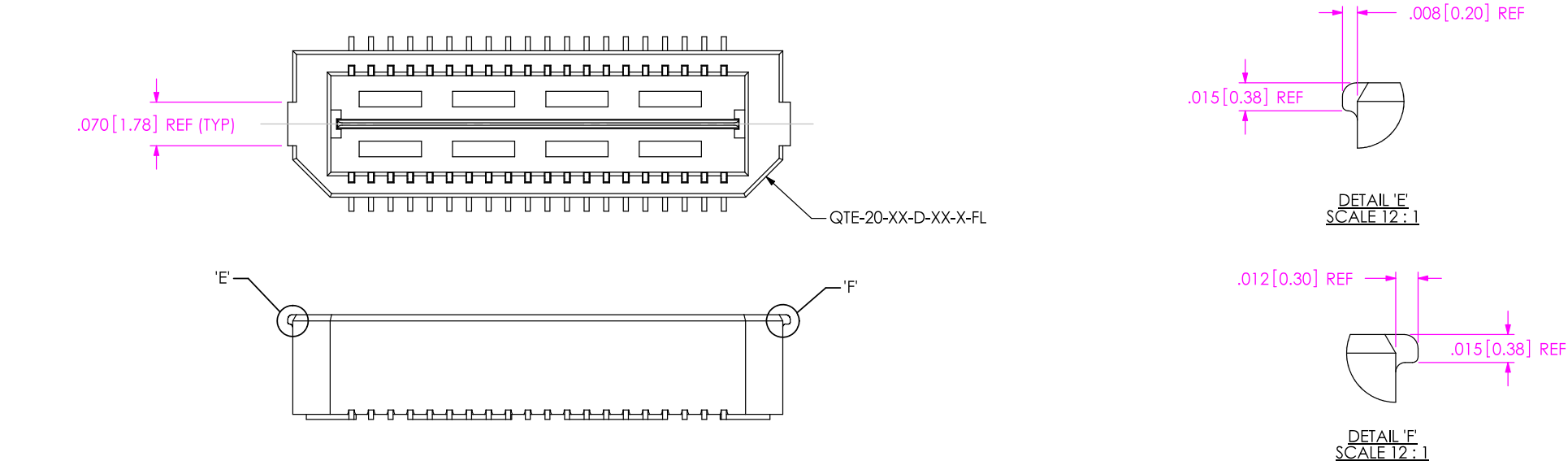
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e-Mail: INFO@SAMTEC.COM CODE: 55322

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.8mm DOUBLE ROW HS TERMINAL ASSEMBLY

DWG. NO.
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BY: DEAN P 5/28/1999 SHEET 3 OF 5

FIG. 8
-FL: FRICTION LOCKS
(ONLY AVAILABLE ON -01 & -02 LEAD STYLES)
(NOT AVAILABLE WITH -GP, -SD OPTIONS)
(SAME AS FIG. 1, UNLESS OTHERWISE STATED)



-A: ALIGNMENT PIN OPTION
(STYLES -04, -05, -06, -07, -08, -09 & -10)

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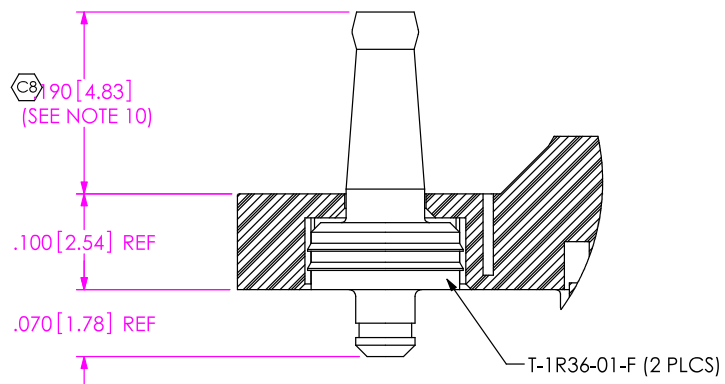
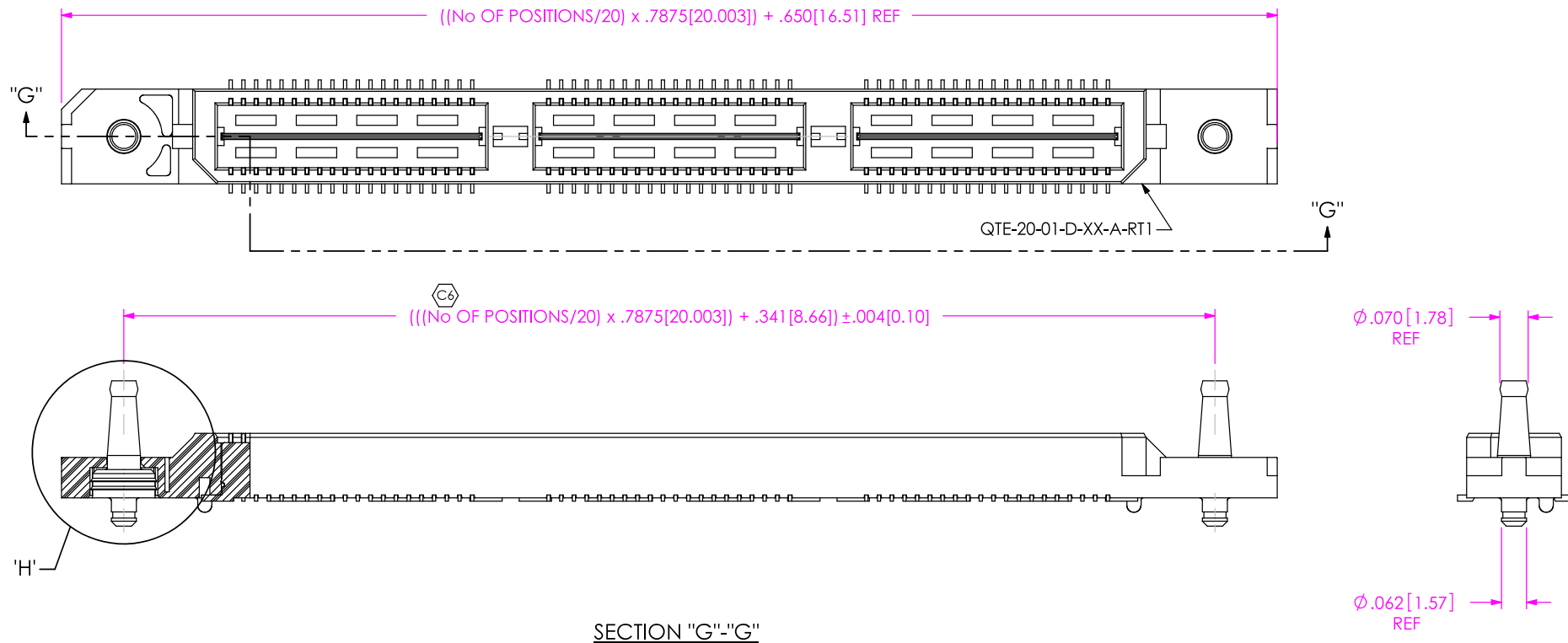
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DWG. NO. QTE-XXX-XX-X-D-XXX

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FIG. 9
 -RT1: RETENTION OPTION
 (ONLY AVAILABLE ON -01 LEAD STYLE) (MUST USE -A OPTION)
 (NOT AVAILABLE WITH -LC, -GP, -SD, OR -FL OPTIONS)
 (NOT AVAILABLE ON -080 & -100 POSITIONS)
 (SAME AS FIG. 1, UNLESS OTHERWISE STATED)



SCALE 5:1

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