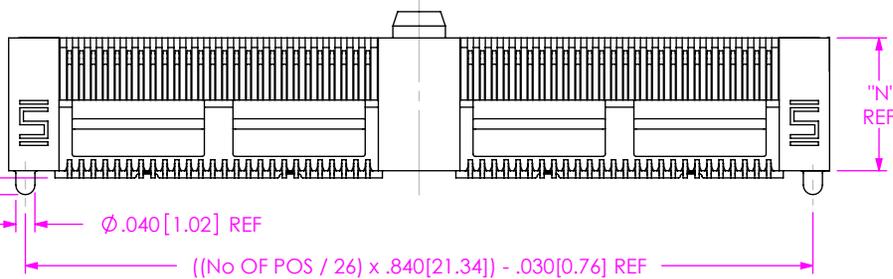
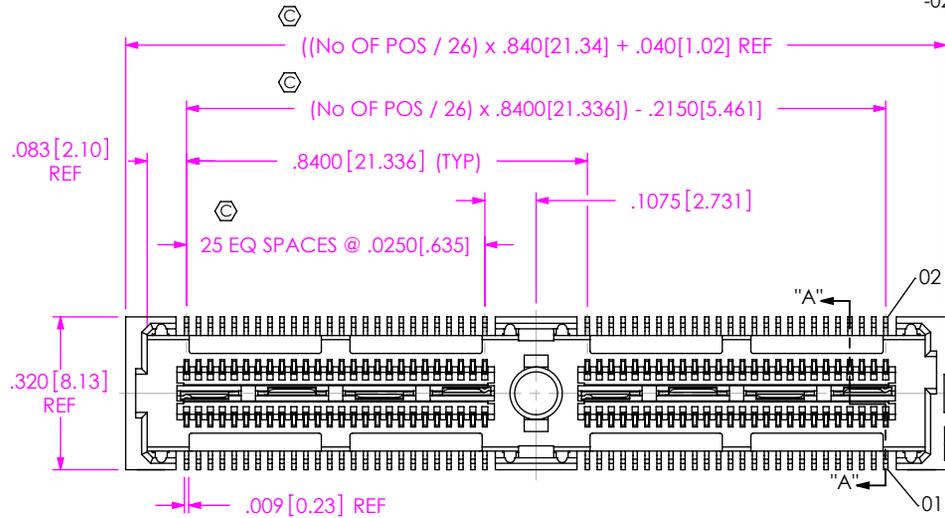


QFS-XXX-XX.XX-XX-D-XX-XXX



No OF POSITIONS
-026, -052, -078, -104, *-130
(PER ROW)

LEAD STYLE
-04.25
-06.25

PLATING SPECIFICATION
-L: LIGHT GOLD
(USE C-XXX-XX.XX-L, SEE TABLE 7)
(AVAILABLE ON -.04.25 LEAD STYLE ONLY)
-H: HEAVY GOLD
(USE C-XXX-XX.XX-H, SEE TABLE 7)
(AVAILABLE ON -.04.25 LEAD STYLE ONLY)
-S: SELECTIVE GOLD
(USE C-XXX-XX.XX-S, SEE TABLE 7)
(AVAILABLE ON -.06.25 LEAD STYLE ONLY)
-SL: SELECTIVE LIGHT GOLD
(USE C-XXX-XX.XX-SL, SEE TABLE 7)
(AVAILABLE ON -.06.25 LEAD STYLE ONLY)

ROW SPECIFICATION
-D: DOUBLE

OPTION
-A: ALIGNMENT PIN
-GP: GUIDE POSTS
(SEE FIG. 2, SHEET 2)
(AVAILABLE ON -.04.25 LEAD STYLE ONLY)

END OPTIONS

-PC4: 4 POWER POS PER END (.062" THICK BOARD)
(SEE FIG. 3, SHEET 3)
-PC8: 8 POWER POS PER END (.062" THICK BOARD)
(SEE FIG. 3, SHEET 3)
**-PT4: 4 POWER POS PER END (.093" THICK BOARD)
(SEE FIG. 3, SHEET 3)
**-PT8: 8 POWER POS PER END (.093" THICK BOARD)
(SEE FIG. 3, SHEET 3)
-RF1: 1 RF POS PER END
(SEE FIG. 5, SHEET 4)
-RF2: 2 RF POS PER END
(SEE FIG. 6, SHEET 4)
-RT1: 1 RT POS PER END
(SEE FIG. 7, SHEET 5)
-P: PICK AND PLACE PAD
(USE PPP-51, SEE FIG. 4, SHEET 2)

(-PXX & -RFX NOT AVAILABLE IN COMBINATION WITH -A OR -GP)
(END OPTION APPLIES TO BOTH ENDS, COMBINATIONS ARE NOT AVAILABLE)
(-PXX & -RFX AVAILABLE IN POS -026, -052, & -078 ONLY)
(-RT1 AVAILABLE IN -026, -052, -078, & -104 POS WITH -A OPTION ONLY)
(-PXX, -RFX, & -RT1 AVAILABLE ON -.04.25 LEAD STYLE ONLY)

* = NOT TOOLED

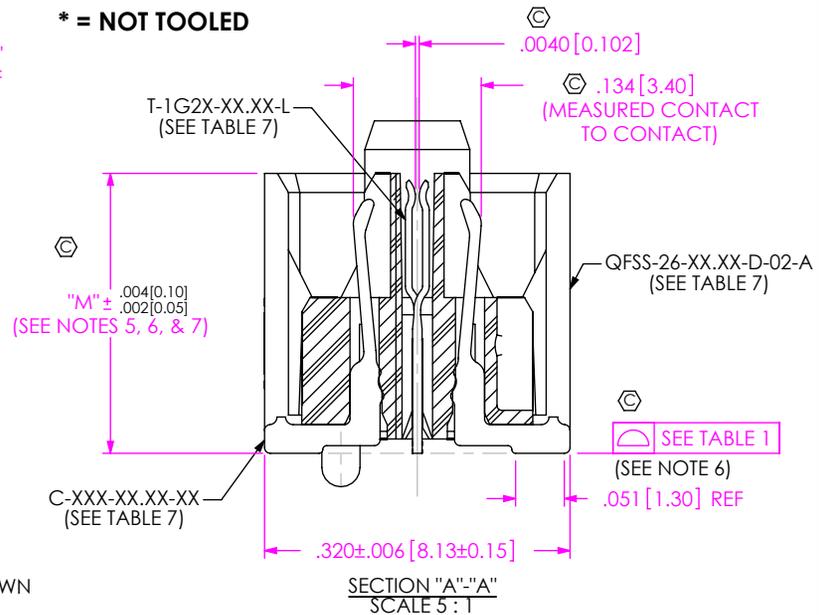


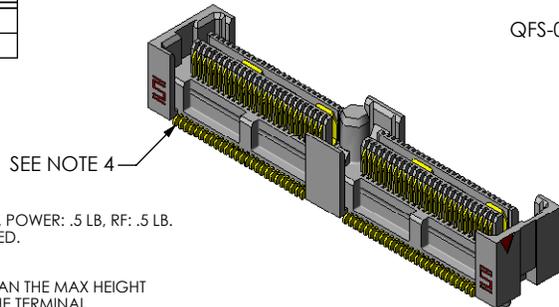
FIG. 1
QFS-052-04.25-X-D-A SHOWN

TABLE 7						
LEAD STYLE	"M"	"N"	QFS BODY	CONTACT	GROUND PLANE	MATED TO QMS-XX.XX
-04.25	.293	.278	QFSS-26-04.25-D-XX-A	C-181-04.25-XX	T-1G20-04.25-L	QMS-10
						QMS-11
						QMS-09.75
-06.25	.371	.356	QFSS-26-06.25-D-XX-A	C-223-06.25-XX	T-1G28-06.25-L	QMS-10
						QMS-11
						QMS-09.75

TABLE 1		
No OF POSITIONS	No OF BANKS	COPLANARITY
-026 THRU -078	1 THRU 3	.004[.10]
-104 AND -130	4 AND 5	.006[.15]

NOTES:

- ⊕ REPRESENTS A CRITICAL DIMENSION.
- BURR ALLOWANCE: .0015[0.038] MAX.
- MINIMUM PUSHOUT FORCE: SIGNAL: .5 LB, GROUND: 1 LB, POWER: .5 LB, RF: .5 LB.
- ALL CONTACTS ON THE -.04.25 LEAD STYLE WILL BE SHEARED.
- MAX VARIANCE OF .002[0.05].
- DIMENSION APPLIES TO CONTACTS & GROUND PLANE.
- GROUND PLANE PRESS HEIGHT MUST BE .003 [.08] LESS THAN THE MAX HEIGHT OR .001 [.03] GREATER THAN THE MINIMUM HEIGHT OF THE TERMINAL.
- PARTS TO BE PACKAGED IN TRAYS.



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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01 [.3]
.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.

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

SHEET SCALE: 2.5:1

DESCRIPTION:
.635mm DOUBLE ROW TERMINAL STRIP

DWG. NO.

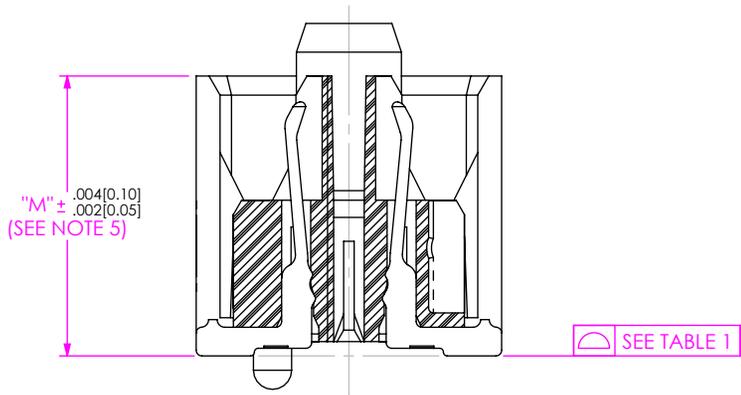
QFS-XXX-XX.XX-XX-D-XX-XXX

BY: E.L.S. 6/09/2003 SHEET 1 OF 5

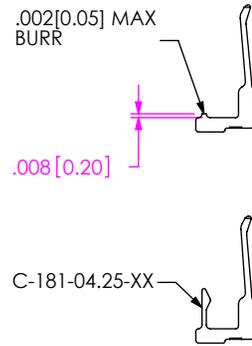


520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code: 55322

IN-PROCESS 1



CONTACT DETAILS
(SEE NOTE 4)



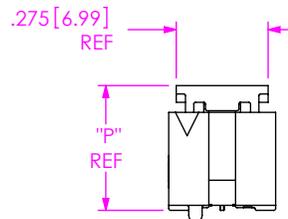
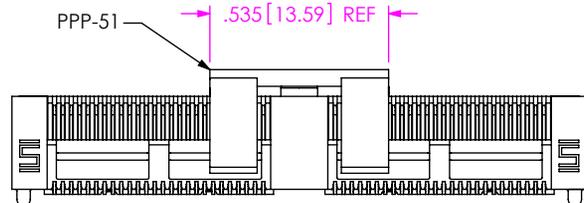
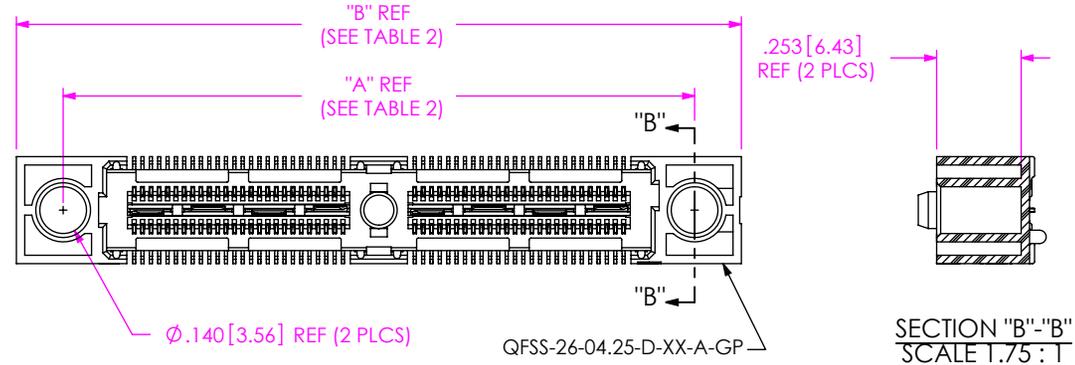
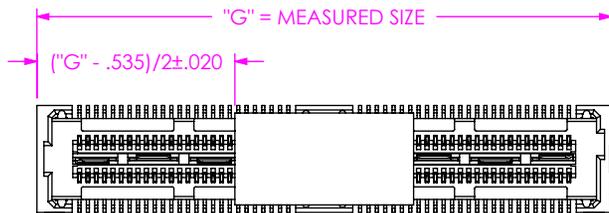
ASSEMBLY	"A"	"B"
QFS-026-04.25-X-D-A-GP	1.050[26.67]	1.330[33.78]
QFS-052-04.25-X-D-A-GP	1.890[48.00]	2.170[55.12]
QFS-078-04.25-X-D-A-GP	2.730[69.34]	3.010[76.45]
QFS-104-04.25-X-D-A-GP	3.570[90.68]	3.850[97.79]
* QFS-130-04.25-X-D-A-GP	4.410[112.01]	4.690[119.13]

* NOT TOOLED

FIG. 2

-GP: GUIDE POST OPTION
(QFS-052-04.25-X-D-A-GP SHOWN)
(NOT AVAILABLE WITH -PXX OPTIONS)
(AVAILABLE ON -04.25 LEAD STYLE ONLY)

FIG. 4
-P: PICK & PLACE PAD OPTION



LEAD STYLE	"P"
-04.25	.373[9.47]
-06.25	.451[11.46]

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: 2.5:1



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

DESCRIPTION:
.635mm DOUBLE ROW TERMINAL STRIP

DWG. NO.
QFS-XXX-XX.XX-XX-D-XX-XXX

BY: E.L.S. 6/09/2003 SHEET 2 OF 5

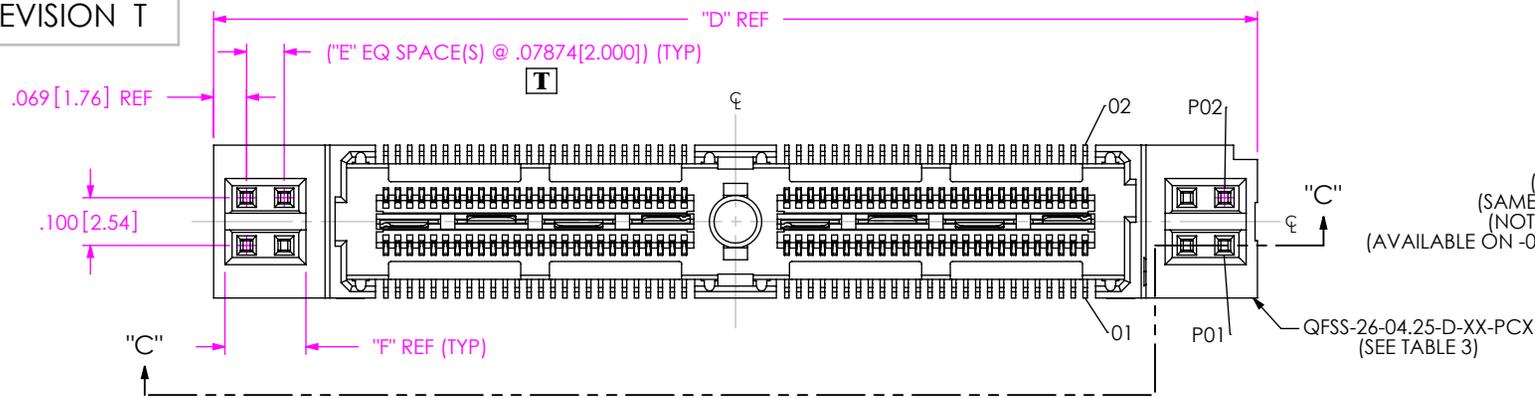
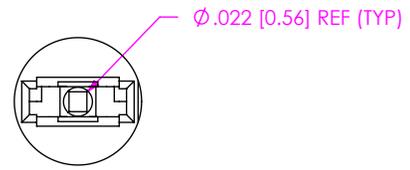
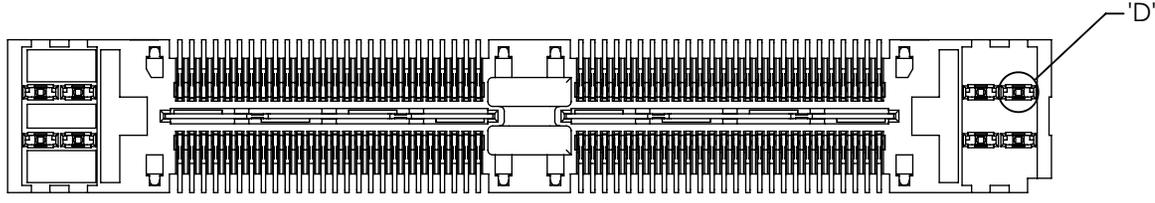
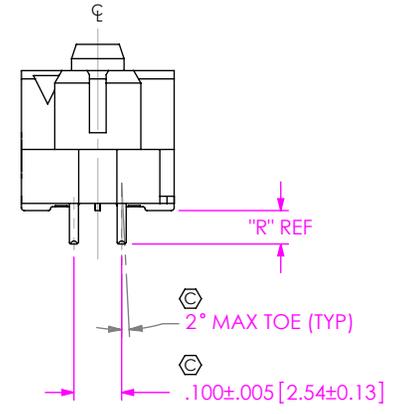
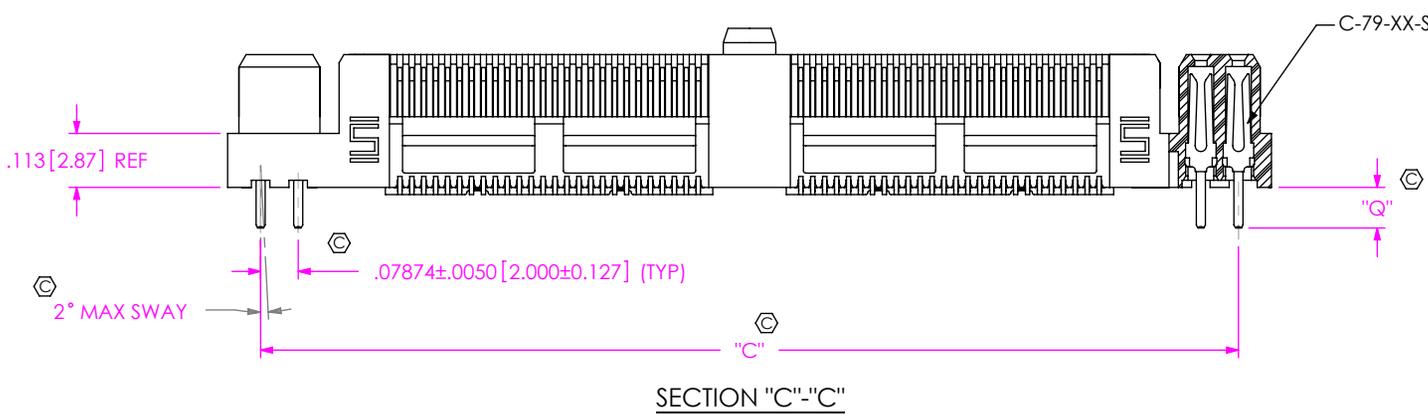


FIG. 3
 POWER COMBO OPTIONS
 (QFS-052-04.25-X-D-PC4 SHOWN)
 (SAME AS FIG. 1, UNLESS OTHERWISE STATED)
 (NOT AVAILABLE WITH -A OR -GP OPTION)
 (AVAILABLE ON -04.25 LEAD STYLE ONLY, POS -026, -052, -078 ONLY)



**NOT RELEASED

TABLE 9

POWER OPTION	CONTACT	"Q"	"R"
PC4/PC8	C-79-06-S	.085[2.16]	.070[1.78]
** PT4/PT8	C-79-09-S	.125[3.18]	.110[2.79]

TABLE 3

ASSEMBLY	QFSS-26-04.25-D-XX-PCX	"C"	"D"	"E"	"F"
QFS-026-04.25-X-D-PX4	QFSS-26-04.25-D-01-PC4	1.209[30.70]	1.347[34.21]	1	.170[4.31]
QFS-026-04.25-X-D-PX8	QFSS-26-04.25-D-01-PC8	1.524[38.70]	1.662[42.21]	3	.327[8.31]
QFS-052-04.25-X-D-PX4	QFSS-26-04.25-D-02-PC4	2.049[52.04]	2.187[55.55]	1	.170[4.31]
QFS-052-04.25-X-D-PX8	QFSS-26-04.25-D-02-PC8	2.364[60.04]	2.502[63.55]	3	.327[8.31]
QFS-078-04.25-X-D-PX4	QFSS-26-04.25-D-03-PC4	2.889[73.37]	3.027[76.89]	1	.170[4.31]
QFS-078-04.25-X-D-PX8	QFSS-26-04.25-D-03-PC8	3.204[81.37]	3.342[84.89]	3	.327[8.31]

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: 2.5:1

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:
 .635mm DOUBLE ROW TERMINAL STRIP

DWG. NO.
QFS-XXX-XX.XX-XX-D-XX-XXX

BY: E.L.S. 6/09/2003 SHEET 3 OF 5

FIG. 5
 -RF1 OPTION
 (QFS-052-04.25-X-D-RF1 SHOWN)
 (SAME AS FIG. 3, UNLESS OTHERWISE STATED)
 (NOT AVAILABLE WITH -A OR -GP OPTIONS)
 (AVAILABLE ON -04.25 LEAD STYLE, POSITIONS -026, -052, & -078 ONLY)

TABLE 5			
ASSEMBLY	QFSS-26-04.25-D-XX-RFX	"H"	"J"
QFS-026-04.25-X-D-RF1	QFSS-26-04.25-D-01-RF1	1.403[35.64]	1.153[29.29]
QFS-026-04.25-X-D-RF2	QFSS-26-04.25-D-01-RF2	1.903[48.34]	1.653[41.99]
QFS-052-04.25-X-D-RF1	QFSS-26-04.25-D-02-RF1	2.243[56.97]	1.993[50.62]
QFS-052-04.25-X-D-RF2	QFSS-26-04.25-D-02-RF2	2.743[69.67]	2.493[63.32]
QFS-078-04.25-X-D-RF1	QFSS-26-04.25-D-03-RF1	3.083[78.31]	2.833[71.96]
QFS-078-04.25-X-D-RF2	QFSS-26-04.25-D-03-RF2	3.583[91.01]	3.333[84.66]

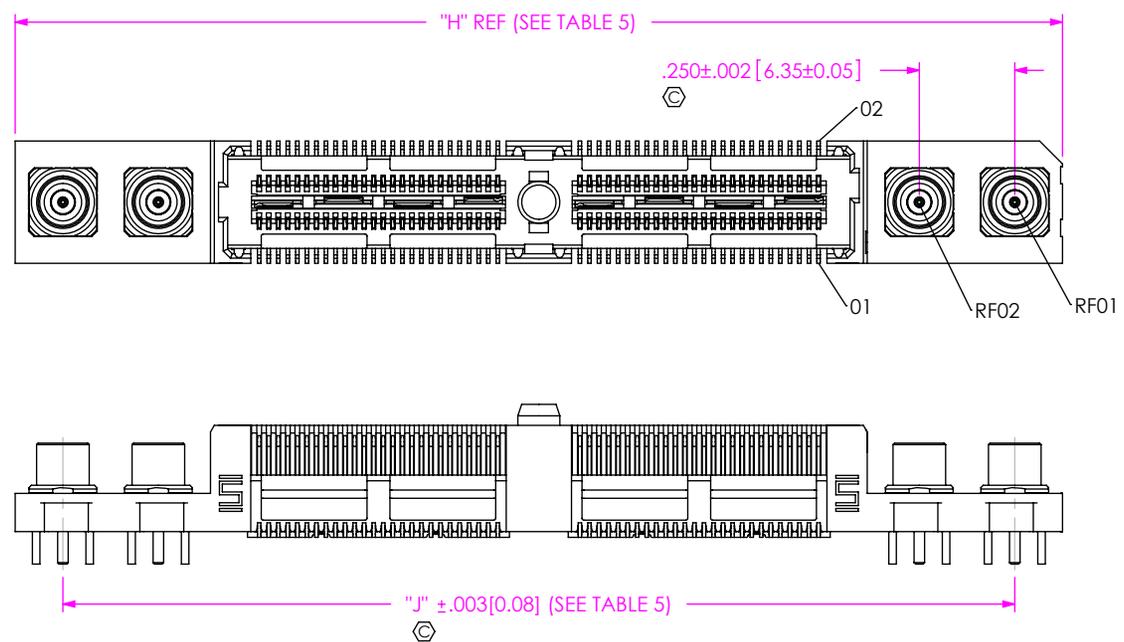
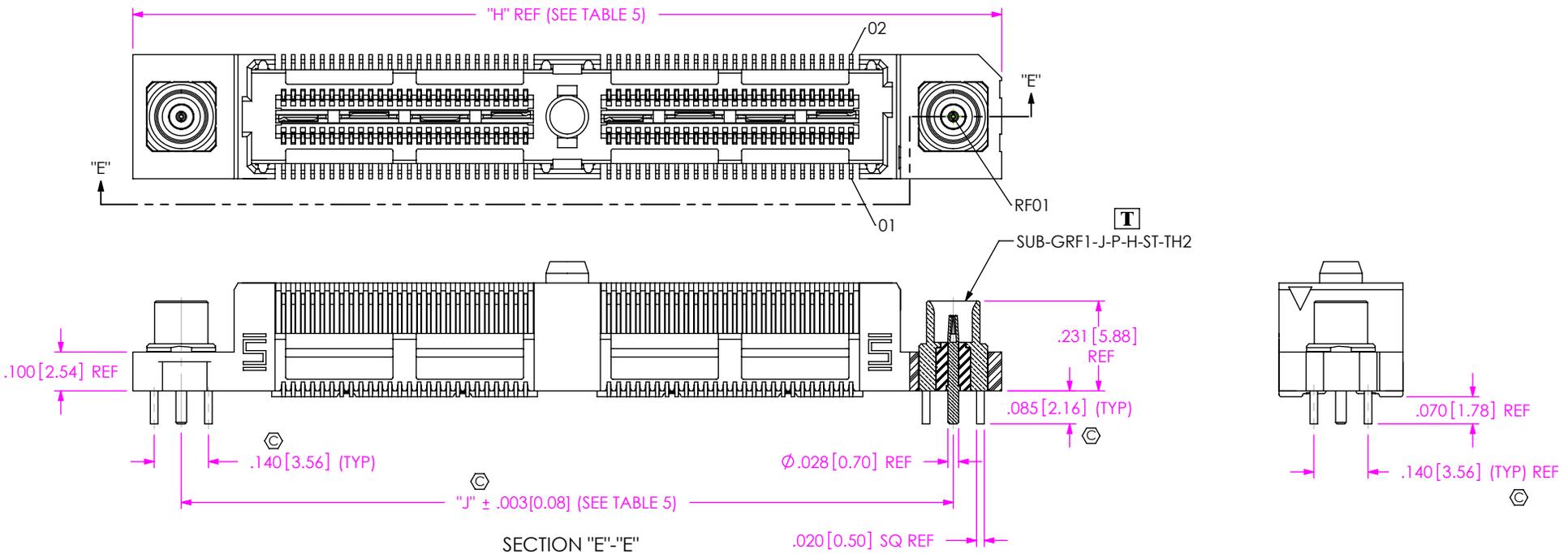


FIG. 6
 -RF2 OPTION
 (QFS-052-04.25-X-D-RF2 SHOWN)
 (SAME AS FIG. 5, UNLESS OTHERWISE STATED)
 (NOT AVAILABLE WITH -A OR -GP OPTIONS)
 (AVAILABLE ON -04.25 LEAD STYLE, POSITIONS -026, -052, & -078 ONLY)

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.



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

DO NOT SCALE DRAWING

SHEET SCALE: 2.5:1

DESCRIPTION:
 .635mm DOUBLE ROW TERMINAL STRIP

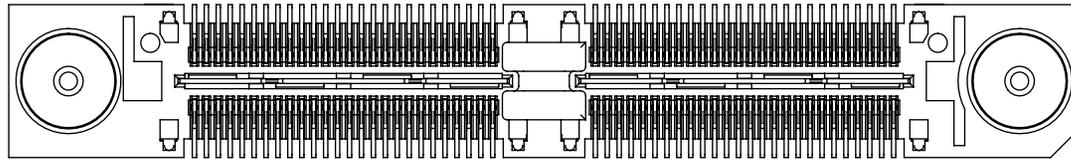
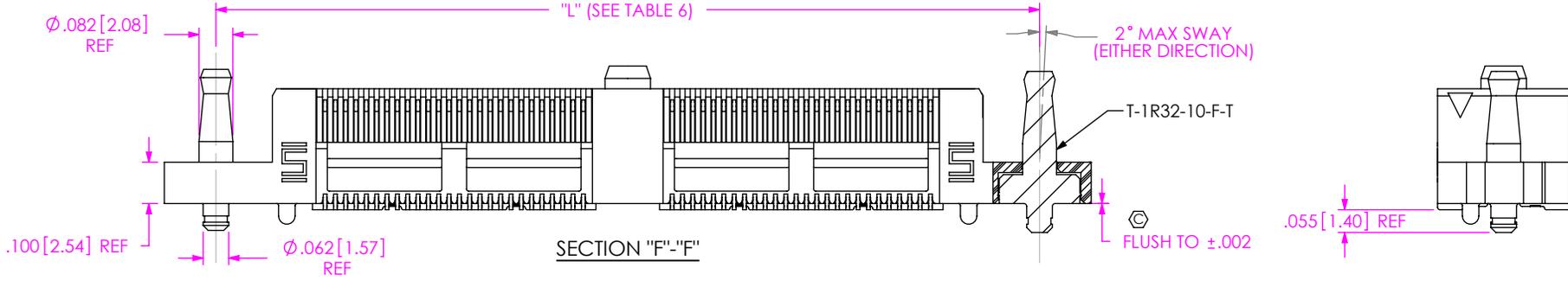
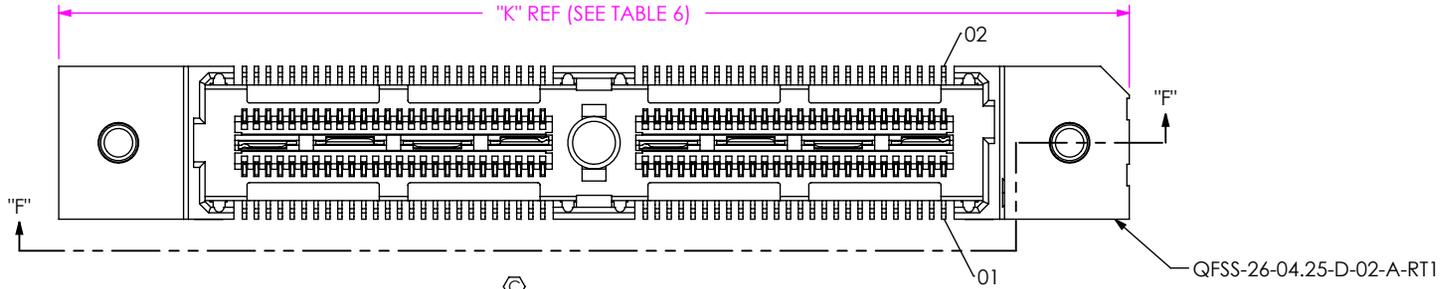
DWG. NO.
QFS-XXX-XX.XX-XX-D-XX-XXX

BY: E.L.S. 6/09/2003 SHEET 4 OF 5

FIG. 7

-RT1 OPTION
 (QFS-052-04.25-X-D-A-RT1 SHOWN)
 (SAME AS FIG. 3, UNLESS OTHERWISE STATED)
 (NOT AVAILABLE WITH -GP OR -RFX OPTIONS)
 (AVAILABLE ON -04.25 LEAD STYLE, POSITIONS -026, -052, -078, & -104 WITH -A OPTION ONLY)

TABLE 6			
ASSEMBLY	QFSS-26-04.25-D-XX-RTX	"K"	"L"
QFS-026-04.25-X-D-A-RT1	QFSS-26-04.25-D-01-A-RT1	1.403[35.64]	1.153[29.29]
QFS-052-04.25-X-D-A-RT1	QFSS-26-04.25-D-02-A-RT1	2.243[56.97]	1.993[50.62]
QFS-078-04.25-X-D-A-RT1	QFSS-26-04.25-D-03-A-RT1	3.083[28.31]	2.833[71.96]
QFS-104-04.25-X-D-A-RT1	QFSS-26-04.25-D-04-A-RT1	3.923[99.64]	3.673[93.29]



F:\DWG\MISC\MKTG\QFS-XXX-XX-XX-D-XX-XXX-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: 2.5:1



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

DESCRIPTION:
 .635mm DOUBLE ROW TERMINAL STRIP

DWG. NO.
QFS-XXX-XX.XX-XX-D-XX-XXX

BY: E.L.S. 6/09/2003 SHEET 5 OF 5