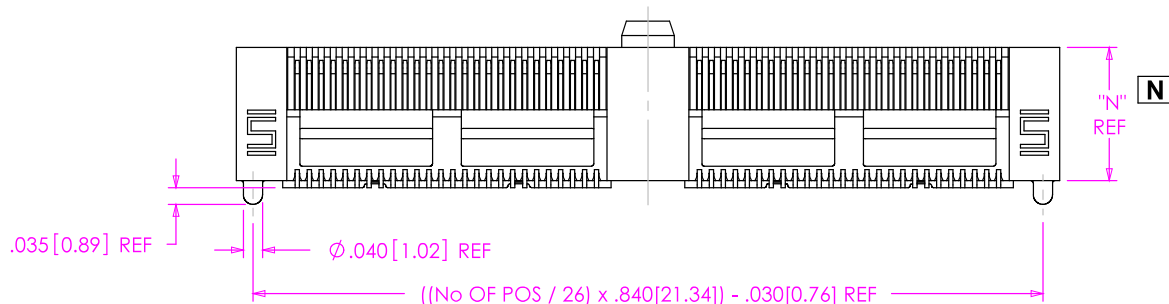
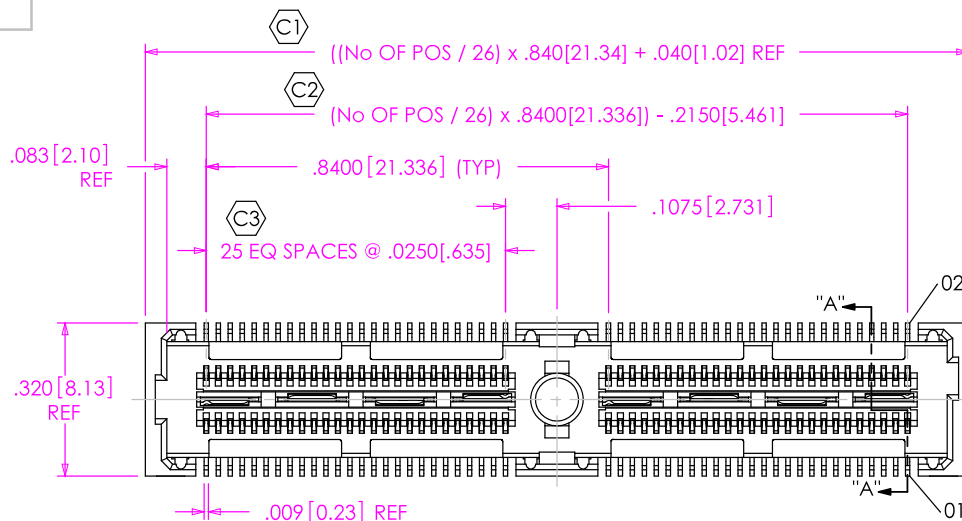


DO NOT
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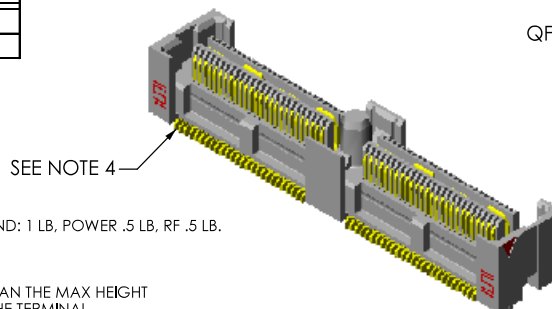
TABLE 7

LEAD STYLE	"M"	"N"	QFS BODY	CONTACT	GROUND PLANE	MATED TO QMS-XX.XX	MATED HEIGHT
-01	.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	.394[10.00] REF .433[11.00] REF .551[14.00] REF
** -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	.472[12.00] REF .512[13.00] REF .630[16.00] REF

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]

** = NOT RELEASED



NOTES:

- © REPRESENTS A CRITICAL DIMENSION.
- BURR ALLOWANCE: .0015[0.038] MAX.
- MINIMUM PUSHOUT FORCE: SIGNAL: .5 LB, SHIELD/GROUND: 1 LB, POWER .5 LB, RF .5 LB.
- ALL CONTACTS ON THE -01 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\M&C\mktg\QFS-XXX-XX.XX-X-D-X-XXX-MKT.SLDDRW

N QFS-XXX-XX.XX-X-D-X-XXX

No OF POSITIONS

-026, -052, -078, -104, *-130
(PER ROW)

LEAD STYLE

-01
**-06.25

PLATING SPECIFICATION

-L: LIGHT GOLD
(USE C-XXX-XX.XX-L, SEE TABLE 7)
-H: HEAVY GOLD
(USE C-XXX-XX.XX-H, SEE TABLE 7)
-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)

N

ROW SPECIFICATION

-D: DOUBLE

OPTION

-A: ALIGNMENT PIN
-GP: GUIDE POSTS
(SEE FIG. 2, SHEET 2)
(AVAILABLE ON -01 LEAD STYLE ONLY)

END OPTIONS

-PC4: 4 POWER POS PER END
(SEE FIG. 3, SHEET 3)
-PC8: 8 POWER POS PER END
(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)

(-PCX & -RFX NOT AVAILABLE IN COMBINATION WITH -A OR -GP)
(END OPTION APPLIES TO BOTH ENDS, COMBINATIONS ARE NOT AVAILABLE)
(-PCX & -RFX AVAILABLE IN POS -026, -052, & -078 ONLY)
(-RT1 AVAILABLE IN -026, -052, -078, & -104 POS WITH -A OPTION ONLY)
(-PCX, -RFX, & -RT1 AVAILABLE ON -01 LEAD STYLE ONLY)
-P: PICK AND PLACE PAD
(USE PPP-51, SEE FIG. 4, SHEET 2)

N

* = NOT TOOLED
** = NOT RELEASED

(-A & -GP OPTIONS NOT AVAILABLE IN COMBINATION WITH -PCX OR -RFX)

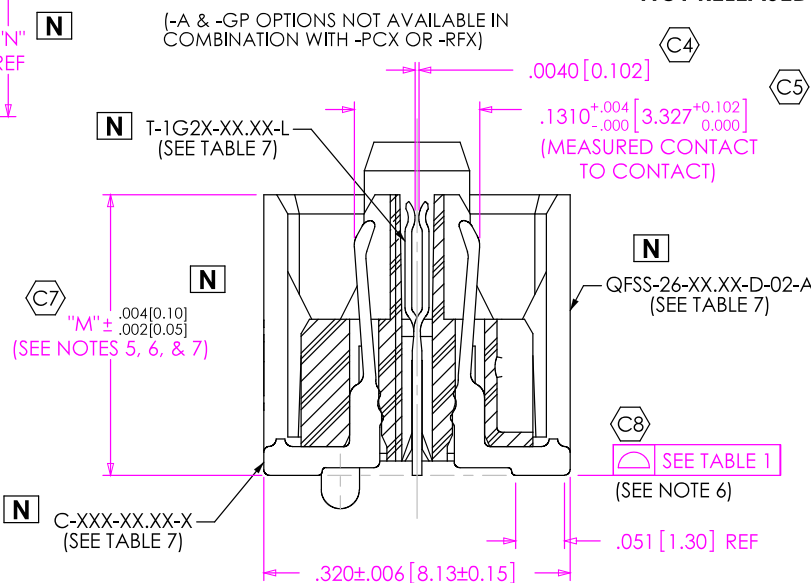


FIG. 1

QFS-052-01-X-D-A SHOWN

SECTION "A"- "A"
SCALE 5:1UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
.XX: $\pm .01$ [.3]
.XXX: $\pm .005$ [.13]
.XXXX: $\pm .0020$ [.051]

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MATERIAL:

DO NOT SCALE DRAWING
INSULATOR: VECTRA E130, COLOR: BLACK
CONTACTS & GROUND PLANE:
PHOS BRONZE

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-X-D-X-XXX

BY: E.L.S.

6/09/2003

SHEET 1 OF 5

IN-PROCESS 1

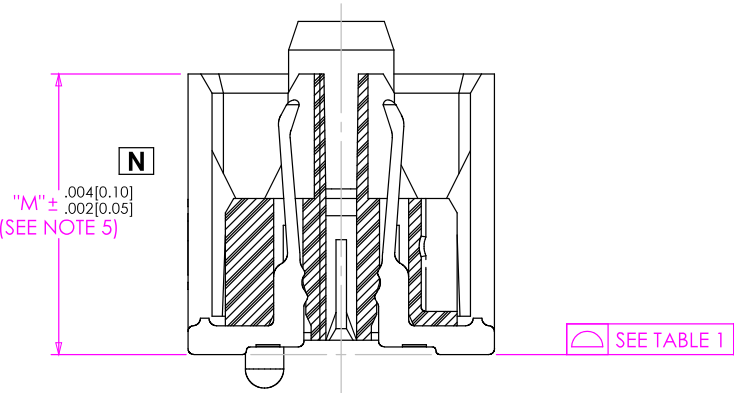
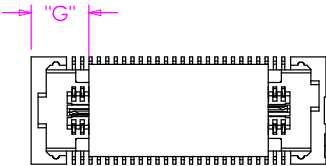
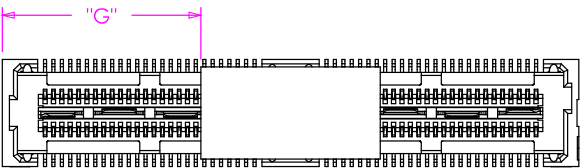


FIG. 4

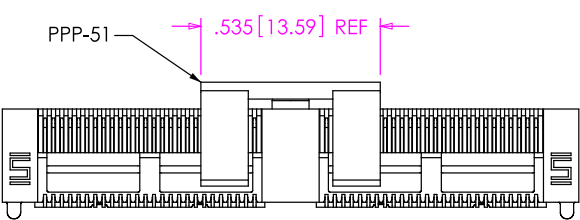
-P: PICK & PLACE PAD OPTION



LOCATION OF PPP-51 FOR POSITIONS -026, -078 & -130
[CENTERED IN MIDDLE OF BANK CLOSEST TO MIDDLE OF PART]



LOCATION OF PPP-51 FOR POSITIONS -052 & -104
[CENTERED IN PART]



CONTACT DETAILS
(SEE NOTE 4)

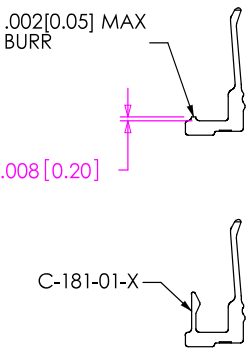


TABLE 2

ASSEMBLY	"A"	"B"
QFS-026-01-X-D-A-GP	1.050[26.67]	1.330[33.78]
QFS-052-01-X-D-A-GP	1.890[48.00]	2.170[55.12]
QFS-078-01-X-D-A-GP	2.730[69.34]	3.010[76.45]
QFS-104-01-X-D-A-GP	3.570[90.68]	3.850[97.79]
QFS-130-01-X-D-A-GP	4.410[112.01]	4.690[119.13]

FIG. 2

-GP: GUIDE POST OPTION
(QFS-052-01-X-D-A-GP SHOWN)
(NOT AVAILABLE WITH -PCX OPTIONS)
(AVAILABLE ON -01 LEAD STYLE ONLY)

N

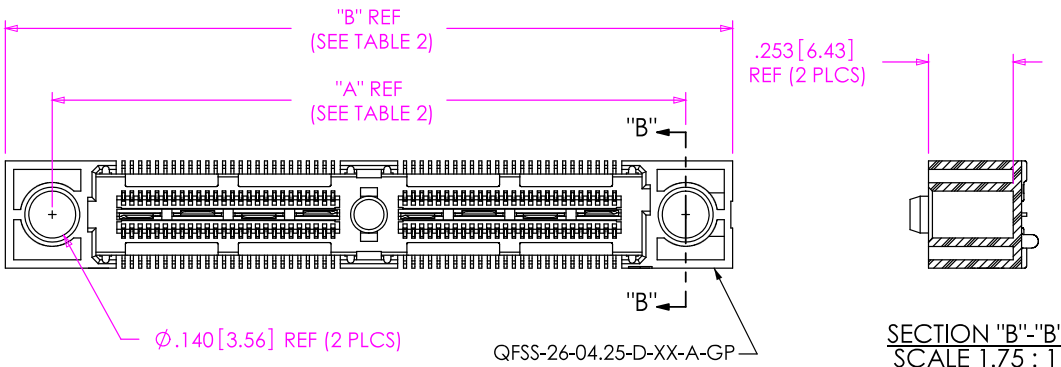


TABLE 4

No OF POSITIONS	No OF BANKS	"G" +/- .020[.51]
-026	01	.173[4.39]
-052	02	.593[15.06]
-078	03	1.013[25.73]
-104	04	1.433[36.40]
-130	05	1.853[47.07]

N

TABLE 8

LEAD STYLE	"P"
-01	.373[9.47]
** -06.25	.451[11.46]

** = NOT RELEASED

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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-X-D-X-XXX

BY: E.L.S.

6/09/2003

SHEET 2 OF 5

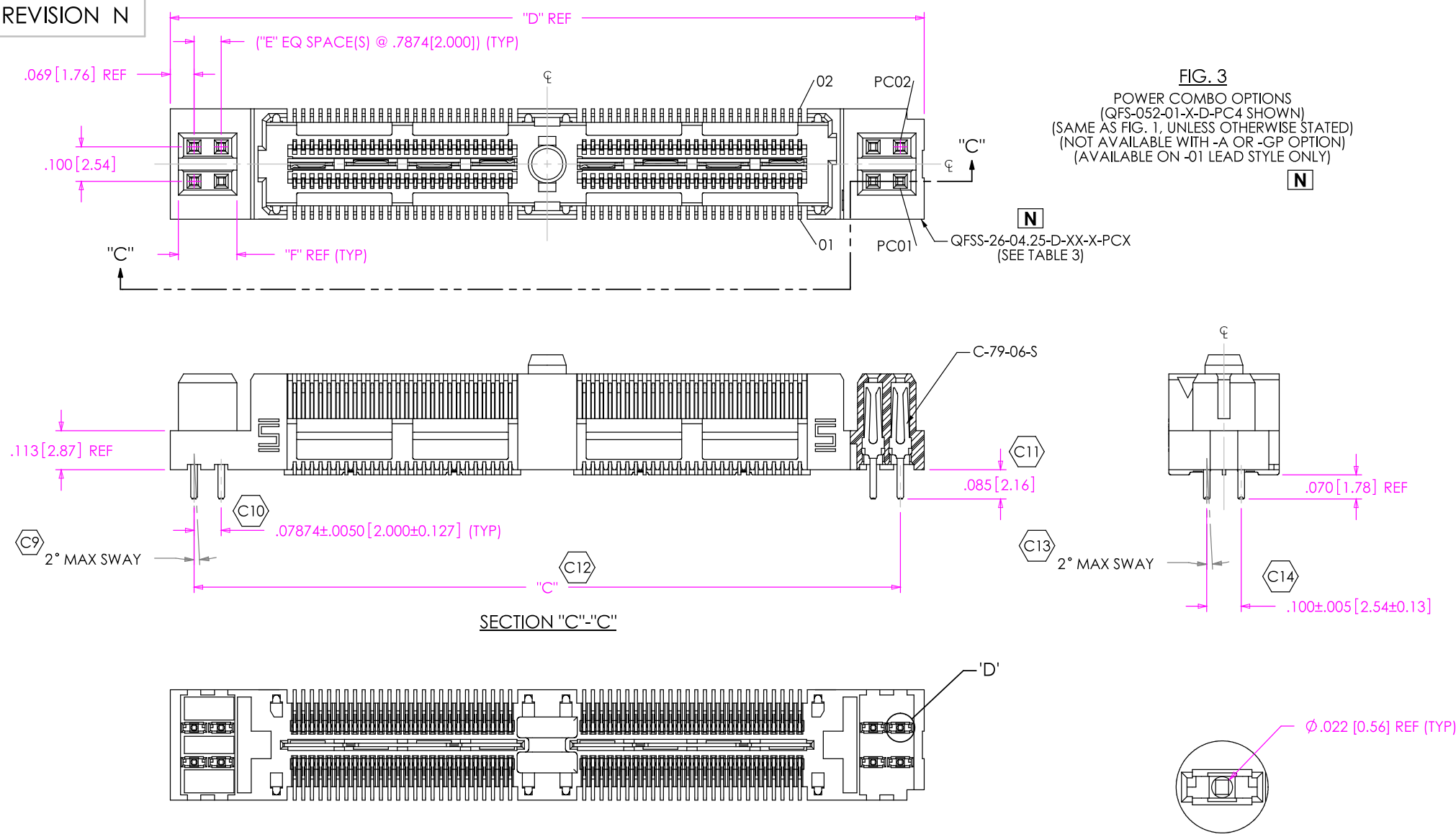


FIG. 3
POWER COMBO OPTIONS
(QFS-052-01-X-D-PC4 SHOWN)
(SAME AS FIG. 1, UNLESS OTHERWISE STATED)
(NOT AVAILABLE WITH -A OR -GP OPTION)
(AVAILABLE ON -01 LEAD STYLE ONLY)

N

N

SECTION "C"-"C"

DETAIL 'D'
SCALE 8 : 1

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

N

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DESCRIPTION:
.635mm DOUBLE ROW TERMINAL STRIP

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

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

FIG. 5
-RF1 OPTION
(QFS-052-01-X-D-RF1 SHOWN)
(SAME AS FIG. 3, UNLESS OTHERWISE STATED)
(NOT AVAILABLE WITH -A OR -GP OPTIONS)
(AVAILABLE ON -01 LEAD STYLE, POSITIONS -026, -052, & -078 ONLY) [N]

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

[N]

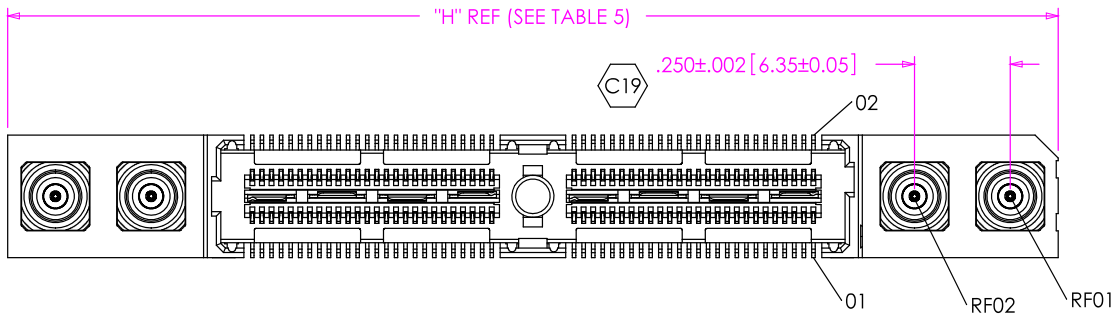
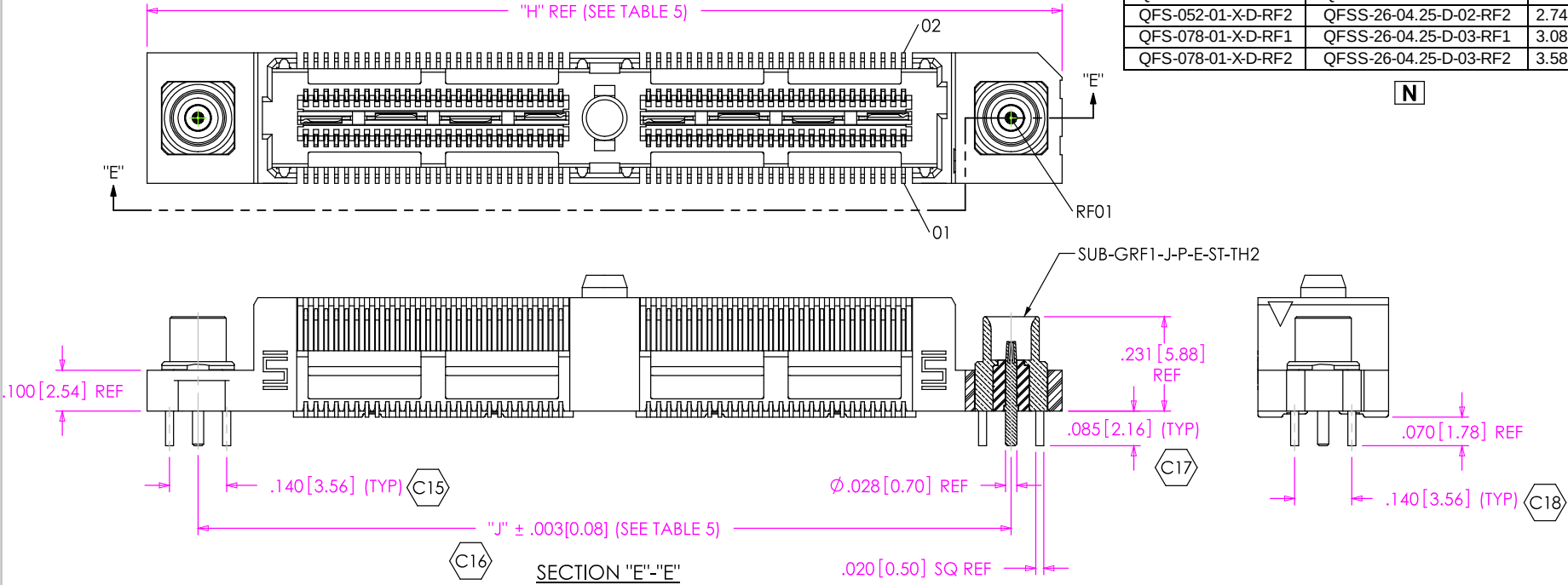
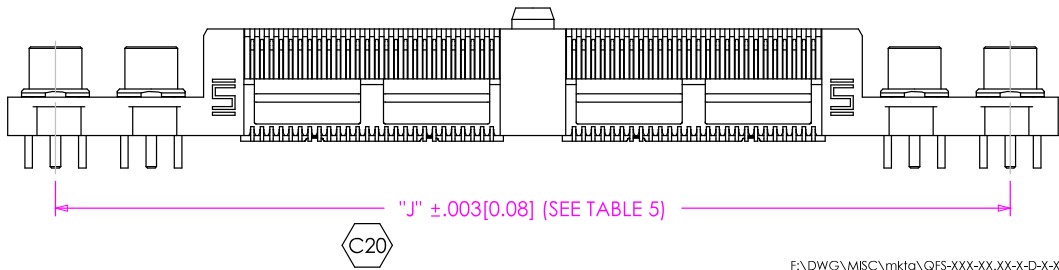


FIG. 6
-RF2 OPTION
(QFS-052-01-X-D-RF2 SHOWN)
(SAME AS FIG. 5, UNLESS OTHERWISE STATED)
(NOT AVAILABLE WITH -A OR -GP OPTIONS)
(AVAILABLE ON -01 LEAD STYLE, POSITIONS -026, -052, & -078 ONLY)

[N]



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

DESCRIPTION:
.635mm DOUBLE ROW TERMINAL STRIP

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

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

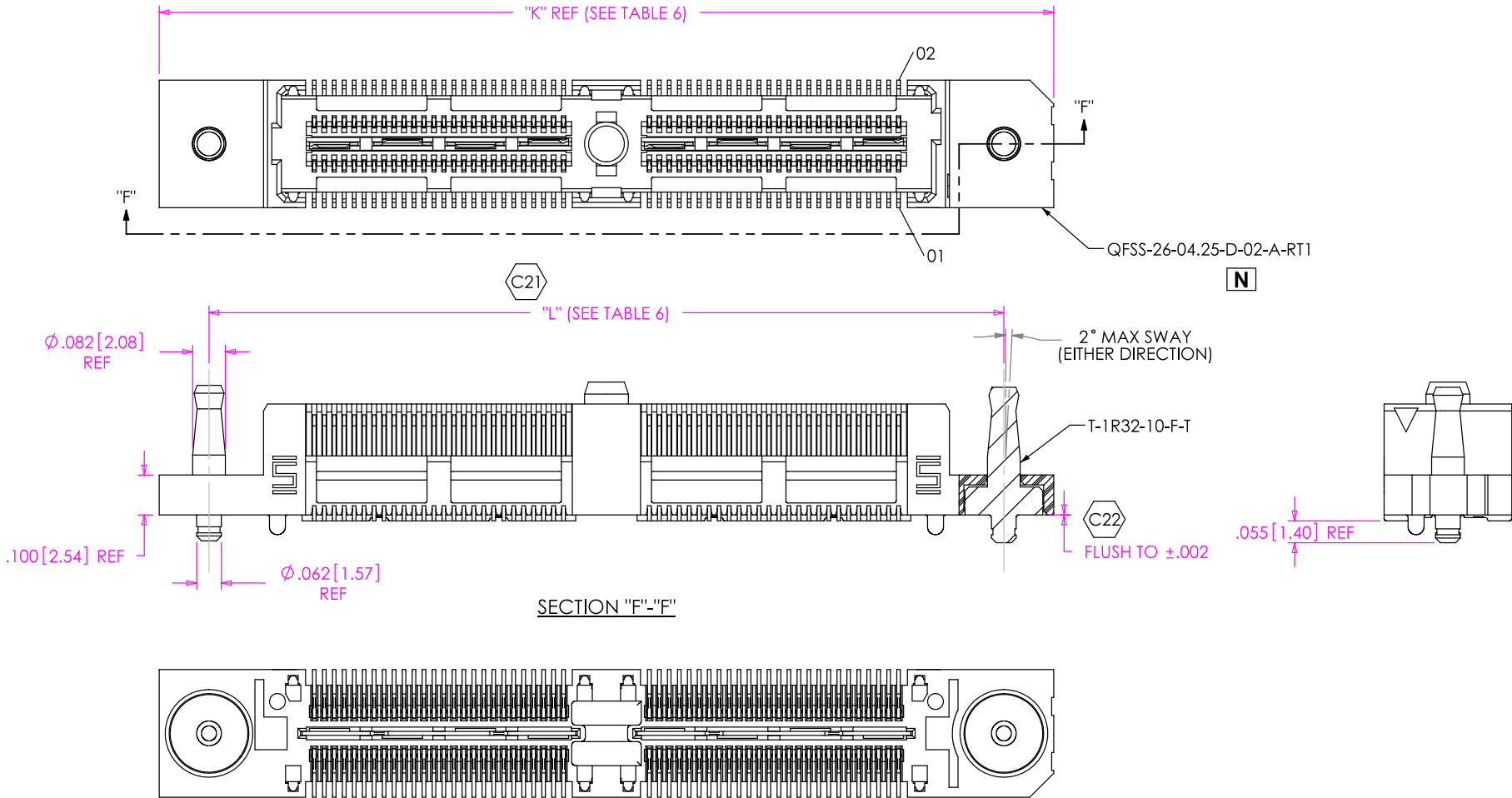
FIG. 7

-RT1 OPTION
(QFS-052-01-X-D-A-RT1 SHOWN)
(SAME AS FIG. 3, UNLESS OTHERWISE STATED)
(NOT AVAILABLE WITH -GP OR -RFX OPTIONS)
(AVAILABLE ON -01 LEAD STYLE, POSITIONS -026, -052, -078, & -104 WITH -A OPTION ONLY)

N

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

N



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.635mm DOUBLE ROW TERMINAL STRIP

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

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