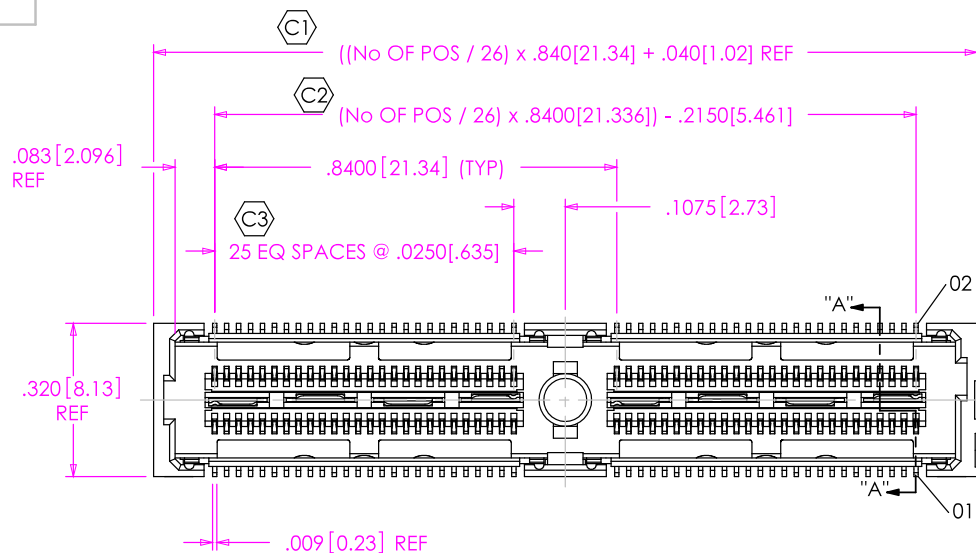




No OF POSITIONS

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

LEAD STYLE

-01

PLATING SPECIFICATION

-L: LIGHT GOLD (USE C-181-04.25-L)
-H: HEAVY GOLD (USE C-181-04.25-H)
(ALL PLATING STYLES USE
SH2-01-L & T-1G20-04.25-L)

ROW SPECIFICATION

-D: DOUBLE

* = NOT TOOLED

** = NOT RELEASED

PACKAGING OPTION

-TR: TAPE & REEL PACKAGING
(-026 THRU -078 WITHOUT OPTIONS
-GP OR -PCX, -026 THRU -052
WITH OPTIONS-GP OR -PCX)

OPTION

-GP: GUIDE POSTS
(SEE FIG. 2, SHEET 2)
(NOT AVAILABLE WITH -PCX)
-PC4: 4 POWER POS PER END
(SEE FIG. 3, SHEET 3)(USE C-79-06-S)
-PC8: 8 POWER POS PER END
(SEE FIG. 3, SHEET 3)(USE C-79-06-S)
[-PCX NOT AVAILABLE WITH -GP]
[-PCX AVAILABLE ON POSITIONS
-026, -052 & -078 ONLY]
-P: PICK & PLACE PAD
(USE PPP-51, SEE FIG. 4, SHEET 4)

OPTION

-A: ALIGNMENT PIN
(NOT AVAILABLE WITH -PCX)

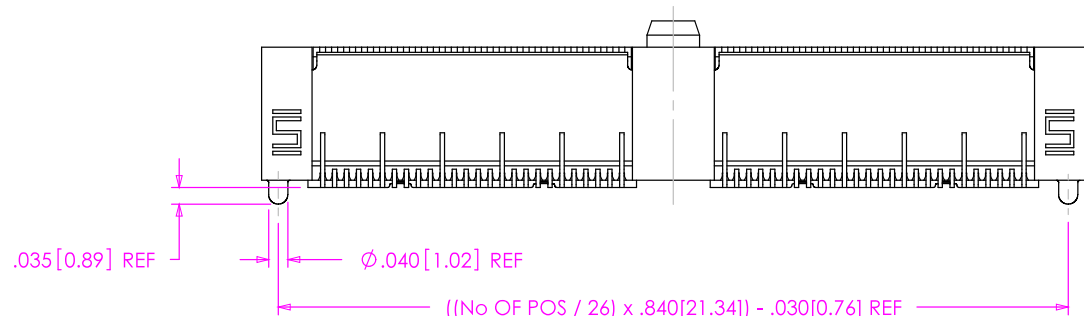
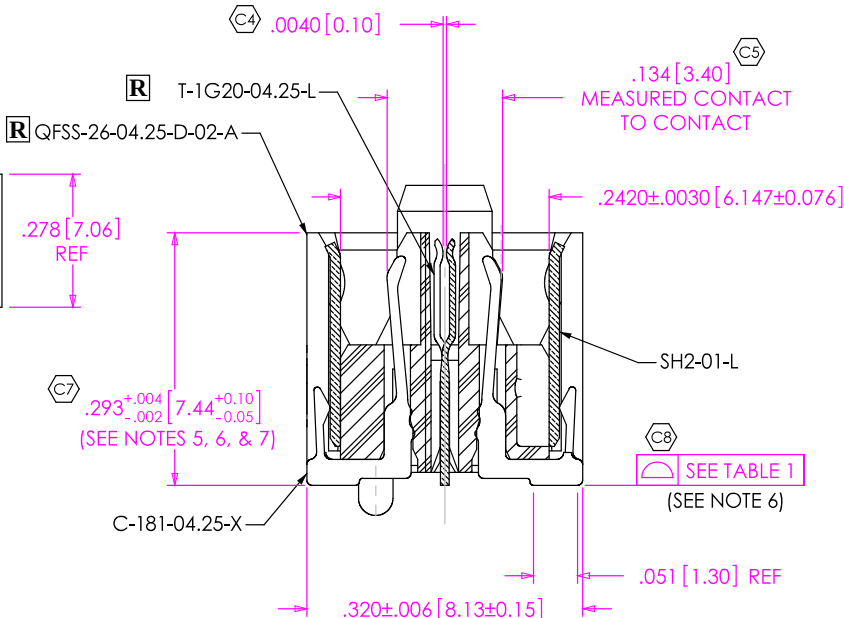


FIG. 1
QFSS-052-01-X-D-A SHOWN



SECTION "A"-A"
SCALE 4.5 : 1

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]

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS

ANGLES

.XX: $\pm .01$ [.3]

2°

.XXX: $\pm .005$ [.13].XXXX: $\pm .0020$ [.051]

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MATERIAL:

INSULATOR: VECTRA E130, COLOR: BLACK
TERMINAL, GROUND PLANE,
& SHIELD: PHOS BRONZE:

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 SHIELDED TERMINAL STRIP

DWG. NO.

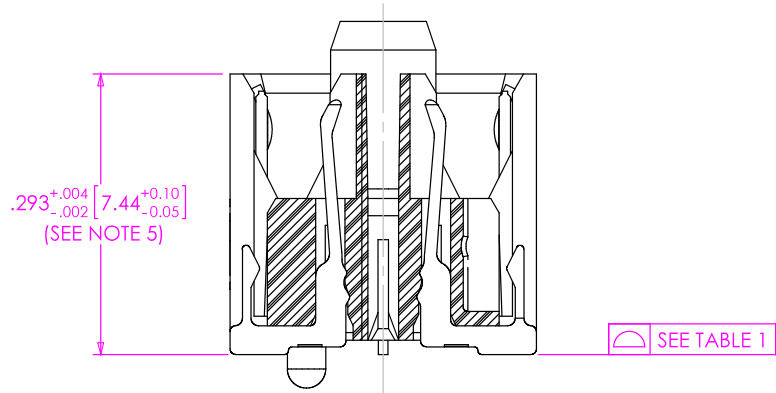
QFSS-XXX-XX-X-D-X-XXX-XX

BY: CHAD F 05/28/2002 SHEET 1 OF 4

NOTES:

1. C REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: .0015[0.038] MAX.
3. MINIMUM PUSHOUT FORCE: SIGNAL: .5 LB, SHIELD/GROUND: 1 LB, POWER PIN: 1 LB.
4. TERMINALS IN THE FIRST ROW OF EACH BANK AND EVERY FIFTH ROW AFTER THAT WILL NOT BE SHEARED.
5. MAX VARIANCE OF .002[0.05].
6. DIMENSION APPLIES TO CONTACTS & GROUND PLANE.
7. GROUND PLANE PRESS HEIGHT MUST BE .003 [.08] LESS THAN THE MAX HEIGHT OR .001 [.03] GREATER THAN THE MINIMUM HEIGHT OF THE TERMINAL.
8. DISREGARD ANY BREAK-OFF BURRS FOR THIS DIMENSION.
9. PARTS TO BE PACKAGED IN TRAYS AS STANDARD

IN-PROCESS 1



CONTACT DETAILS

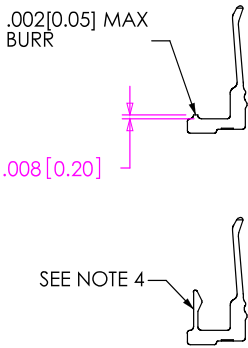


TABLE 2

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

* NOT TOOLED

IN-PROCESS 2

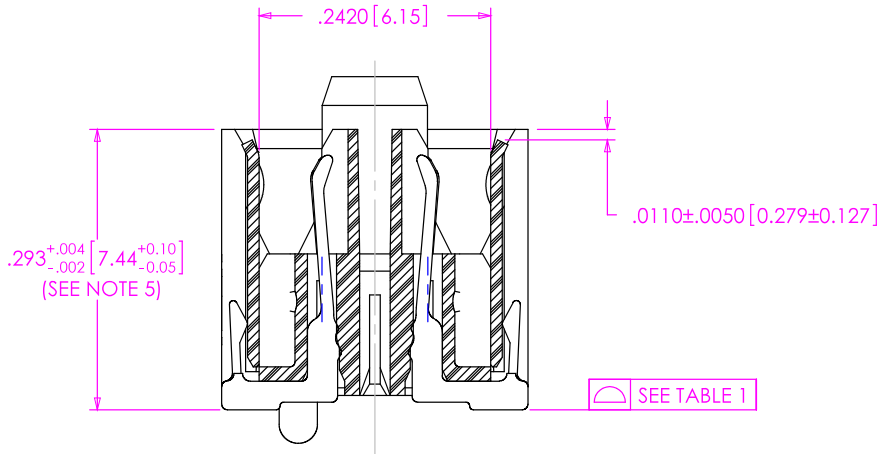
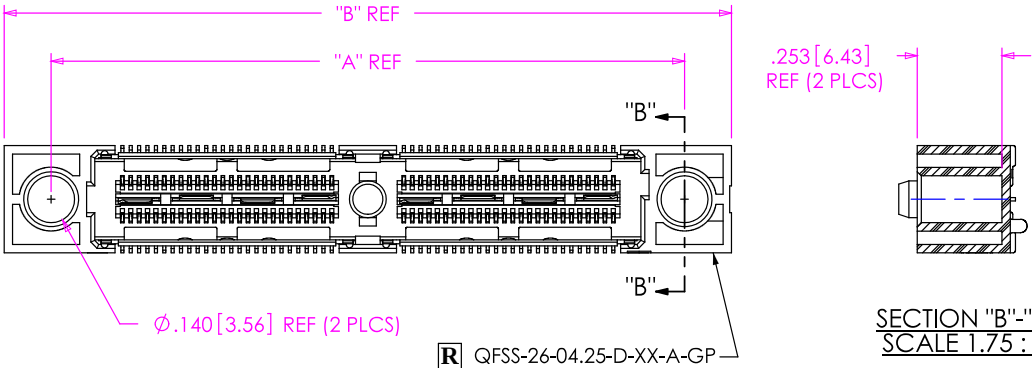


FIG. 2

-GP: GUIDE POST OPTION
(QFSS-052-01-X-D-A-GP SHOWN)
[NOT AVAILABLE WITH -PCX OPTIONS]



SECTION "B"- "B"
SCALE 1.75 : 1

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SHEET SCALE: 2.5:1

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

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.635mm DOUBLE ROW SHIELDED TERMINAL STRIP

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

BY: CHAD F 05/28/2002 SHEET 2 OF 4

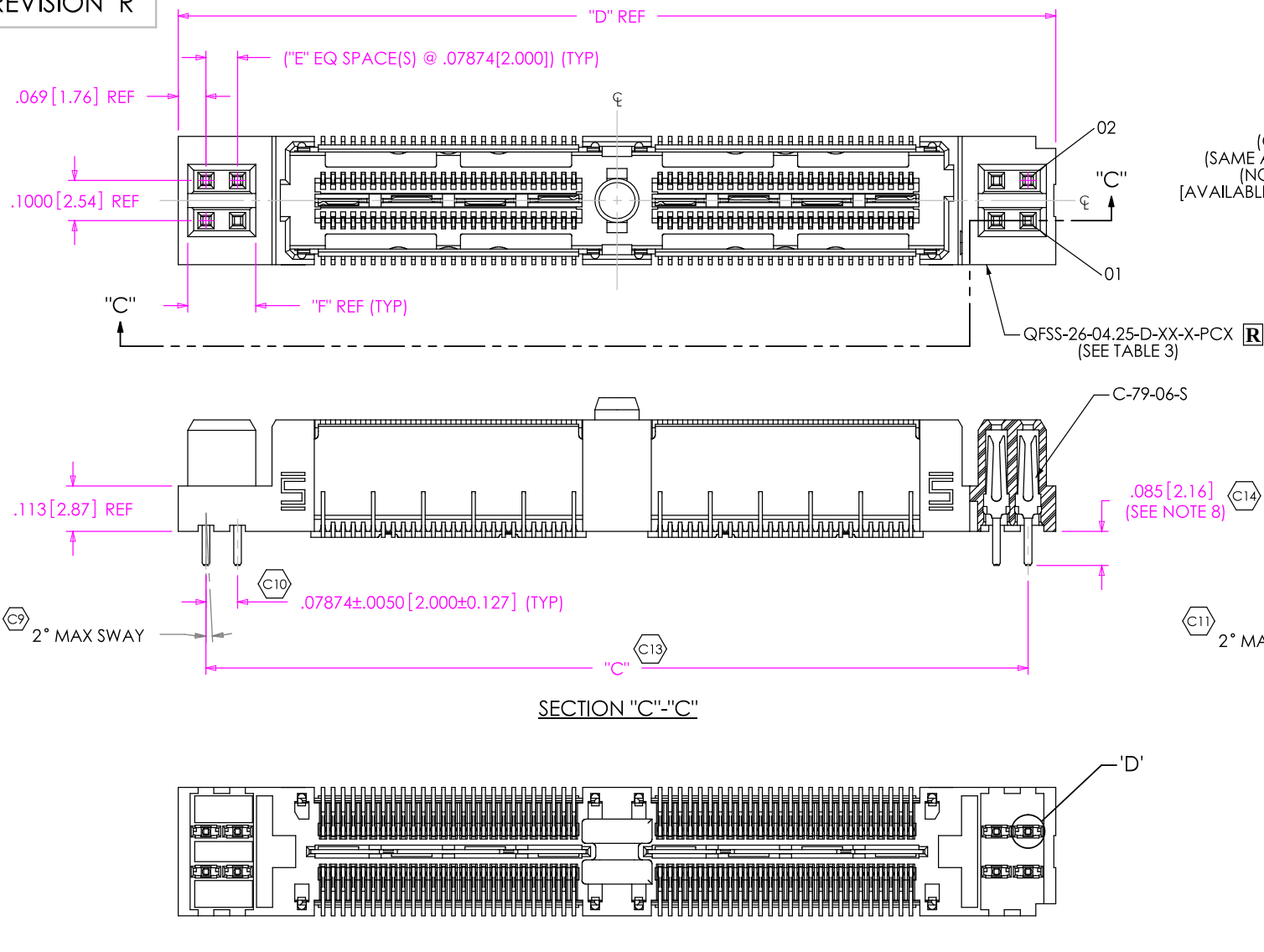


FIG. 3
POWER COMBO OPTIONS
(QFSS-052-01-X-D-PC4 SHOWN)
(SAME AS FIG. 1, UNLESS OTHERWISE STATED)
(NOT AVAILABLE WITH -GP OPTION)
(AVAILABLE ON -026, -052 & -078 POSITIONS ONLY)

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

R

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

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SAMTEC

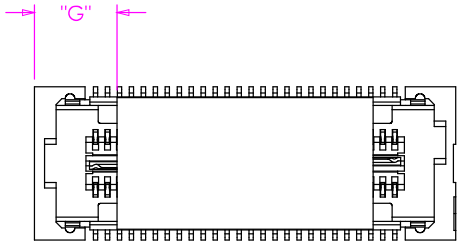
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* PHONE: 812.944.6733 FAX: 812.948.5047
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DWG. NO.

QFSS-XXX-XX-X-D-X-XXX-XX

BY: CHAD F 05/28/2002 SHEET 3 OF 4

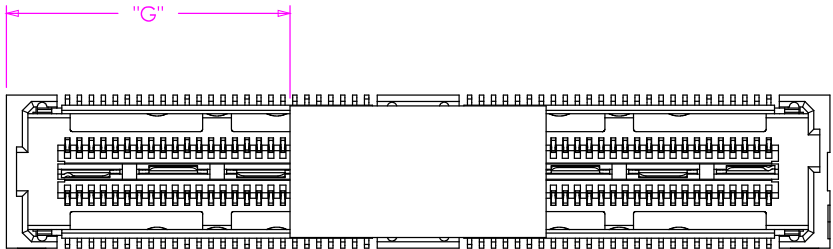


LOCATION OF PPP-51 FOR POSITIONS -026, -078 & -130
[CENTERED IN MIDDLE OF BANK CLOSEST TO MIDDLE OF PART]

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]

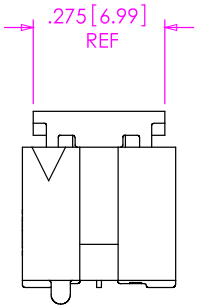
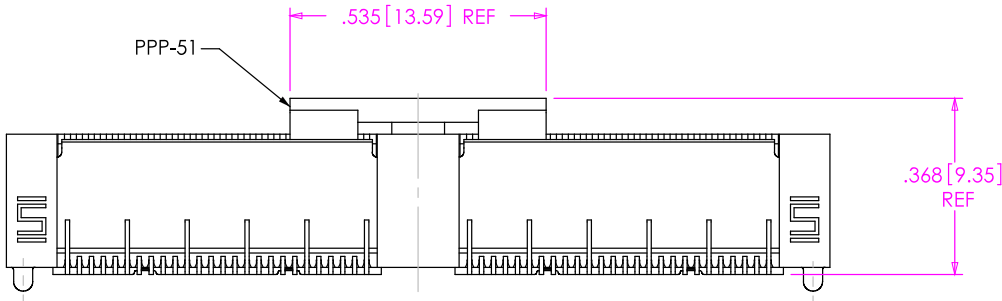
*

* NOT TOOLED



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

FIG. 4
-P: PICK & PLACE PAD OPTION



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