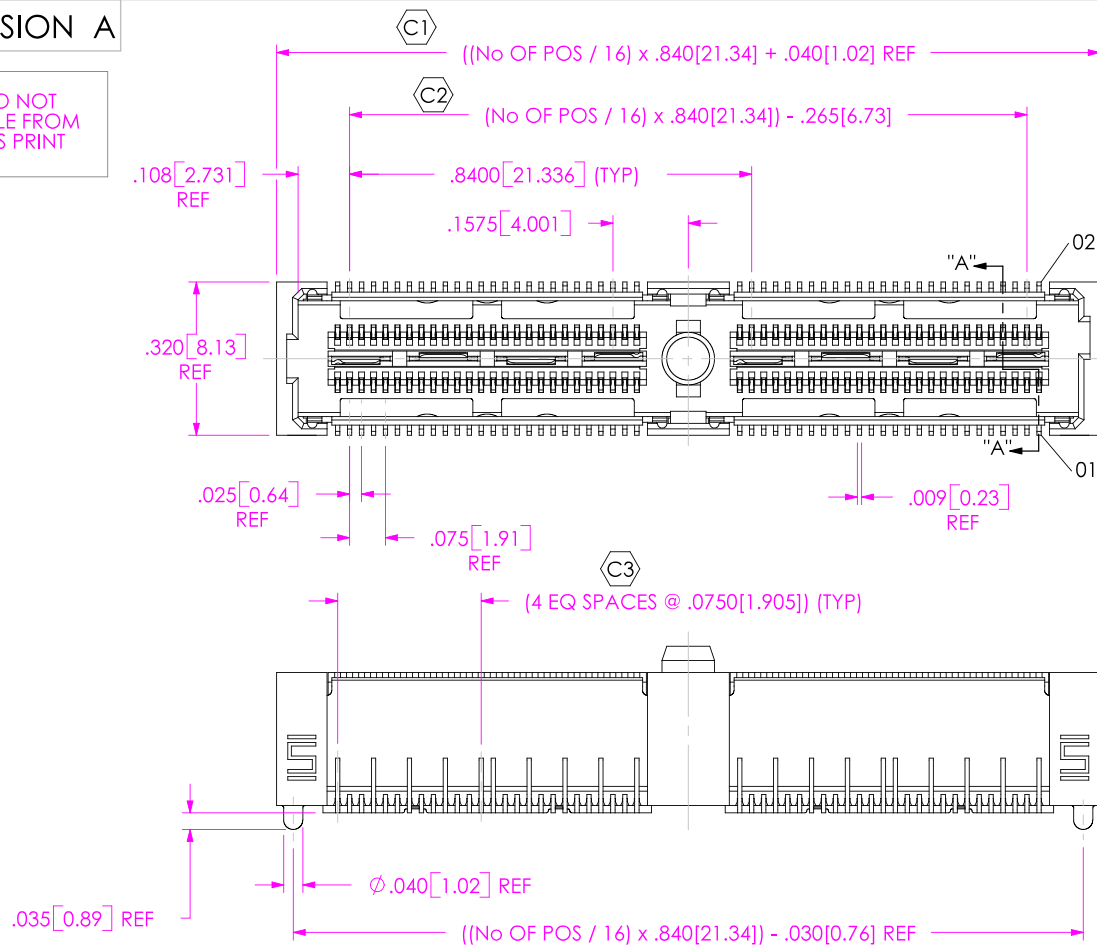
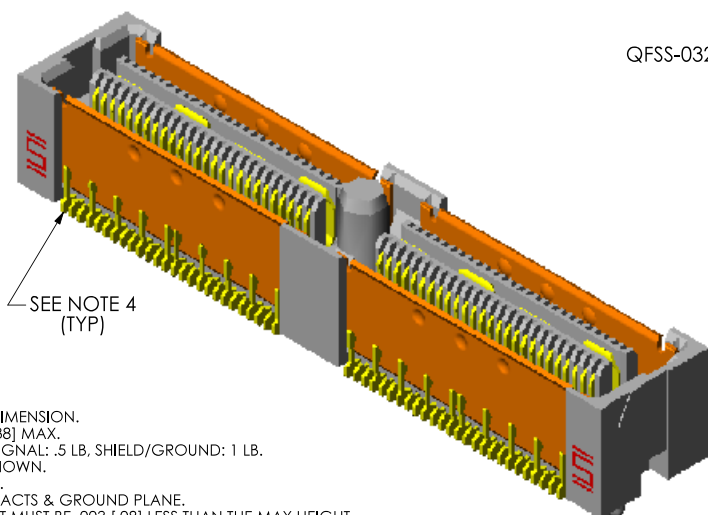


DO NOT
SCALE FROM
THIS PRINTFIG. 1
QFSS-032-01-X-D-DP-A SHOWN

NOTES:

1. © REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: .0015[0.038] MAX.
3. MINIMUM PUSHOUT FORCE: SIGNAL: .5 LB, SHIELD/GROUND: 1 LB.
4. DO NOT SHEAR CONTACTS SHOWN.
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.

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

No OF POSITIONS

-016, -032, -048,
-064, *-080
(PER ROW)

LEAD STYLE

-01

PLATING SPECIFICATION

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

OPTION

- A** -GP: GUIDE POSTS
(SEE FIG. 2, SHEET 2)
(NOT AVAILABLE WITH -PCX)
**-PC4: 4 POWER POS PER END
(SEE FIG. 3, SHEET 3)
**-PC8: 8 POWER POS PER END
(SEE FIG. 3, SHEET 3)
A [-PCX NOT AVAILABLE WITH -GP AND -A]
[-PCX AVAILABLE ON POSITIONS
-016, -032 & -048 ONLY]

OPTION

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

-DP: DIFFERENTIAL PAIRS

SEE FIG. 1 FOR SHIELD BEAM CONFIGURATION

ROW SPECIFICATION

-D: DOUBLE

* = NOT TOOLED
A ** = NOT RELEASED

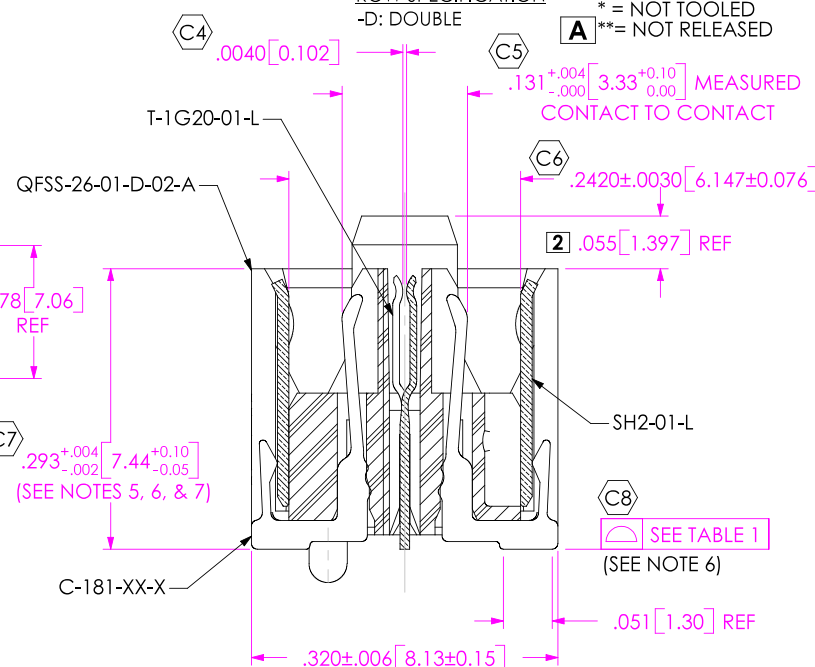
SECTION "A"-A"
SCALE 5:1

TABLE 1

No OF POSITIONS	No OF BANKS	COPLANARITY
-016 THRU -048	1 THRU 3	.004[.10]
-064 AND -080	4 AND 5	.006[.15]

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
.XX: ±.01 [.3]
.XXX: ±.005 [.13]
.XXXX: ±.0020 [.051]

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MATERIAL:

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

SHEET SCALE: 2.5:1
SolidWorks

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:

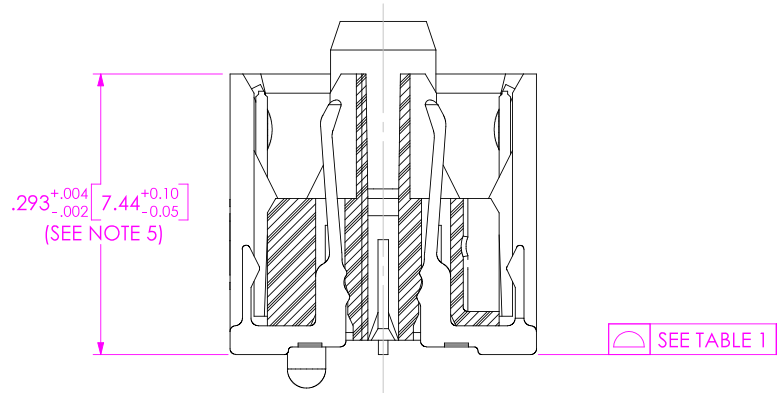
.635mm DIFFERENTIAL PAIRS SHIELDED TERMINAL STRIP

DWG. NO.

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

BY: BRATCHER 08/26/2003 SHEET 1 OF 3

IN-PROCESS 1



CONTACT DETAILS

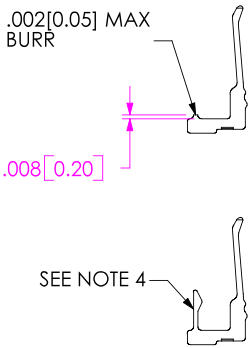


TABLE 2		
ASSEMBLY	"A"	"B"
QFSS-016-01-X-D-DP-A-GP	1.050[26.67]	1.330[33.78]
QFSS-032-01-X-D-DP-A-GP	1.890[48.00]	2.170[55.12]
QFSS-048-01-X-D-DP-A-GP	2.730[69.34]	3.010[76.45]
QFSS-064-01-X-D-DP-A-GP	3.570[90.68]	3.850[97.79]
QFSS-080-01-X-D-DP-A-GP	4.410[112.01]	4.690[119.13]

IN-PROCESS 2

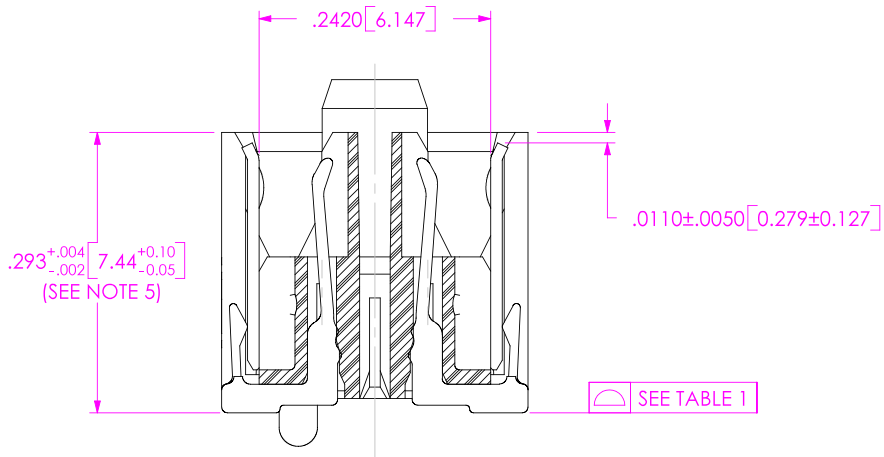
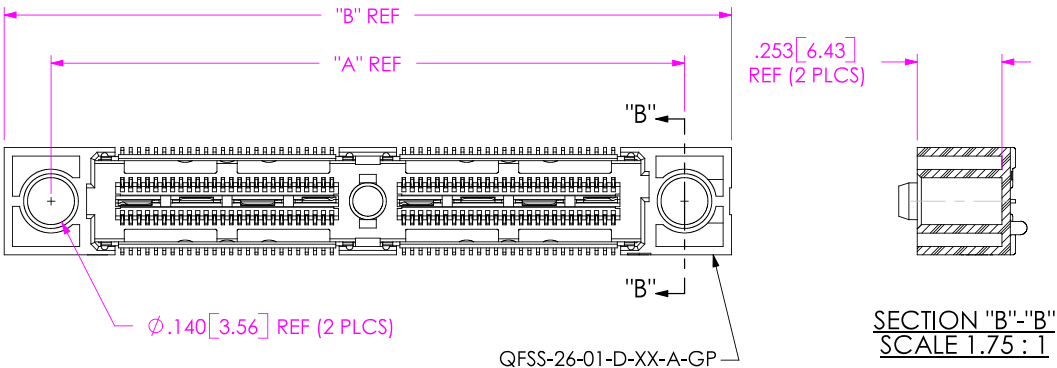


FIG. 2
-GP: GUIDE POST OPTION
(QFSS-032-01-X-D-DP-A-GP SHOWN)
(NOT TOOLED)
(NOT AVAILABLE WITH -PCX OPTIONS)



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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 DIFFERENTIAL PAIRS SHIELDED TERMINAL STRIP

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

BY: BRATCHER 08/26/2003 SHEET 2 OF 3

REVISION A

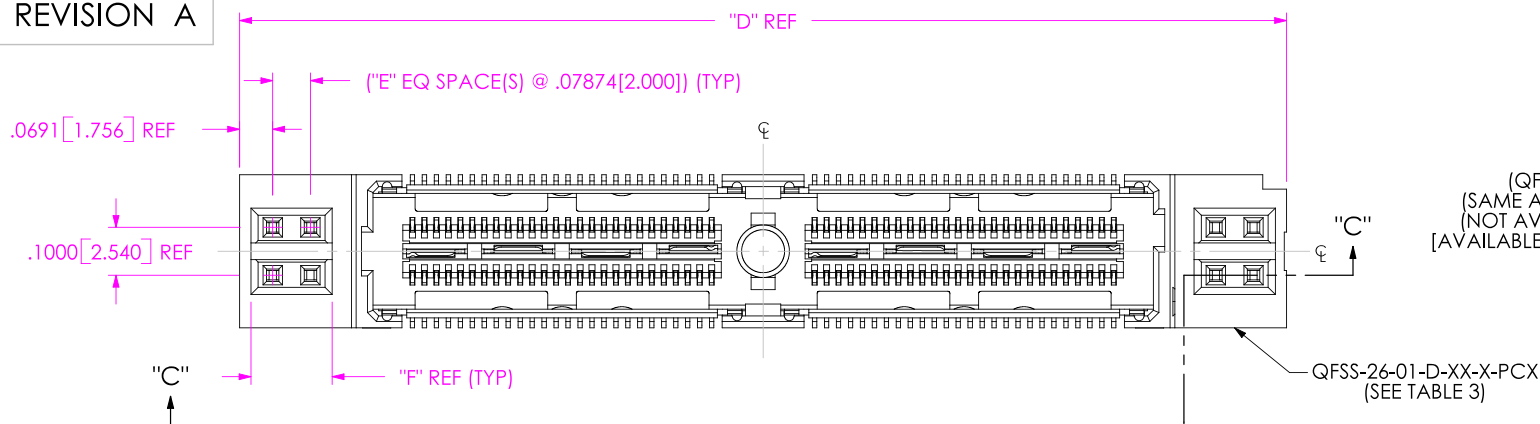
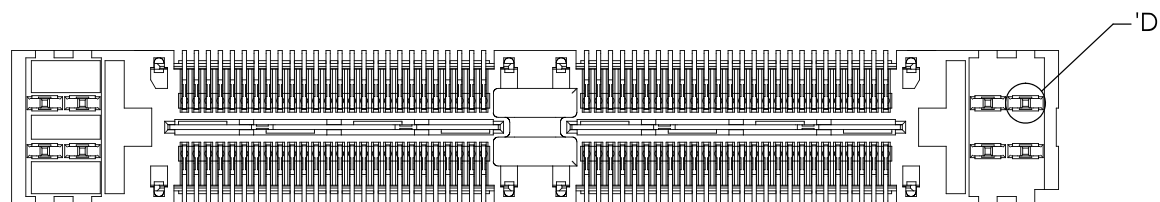
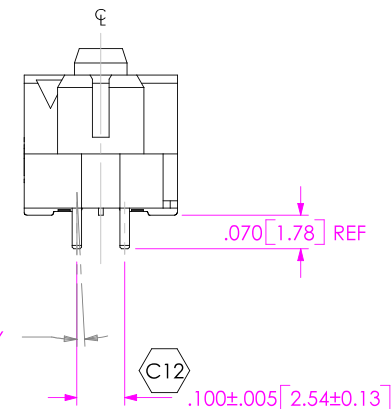
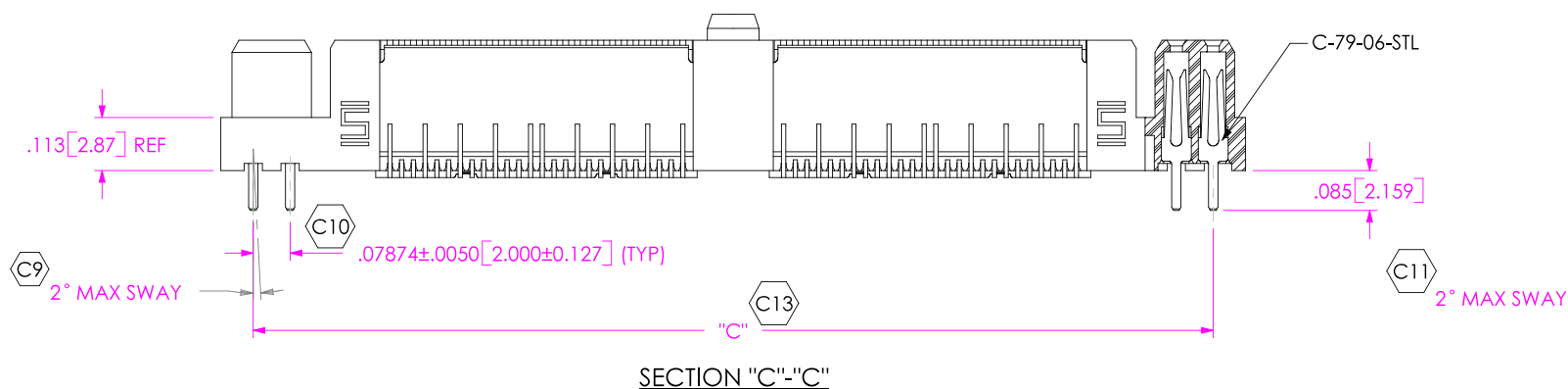


FIG. 3

POWER COMBO OPTIONS
(QFSS-032-01-X-D-DP-PC4 SHOWN)
(SAME AS FIG. 1, UNLESS OTHERWISE STATED)
(NOT AVAILABLE WITH -GP AND -A OPTIONS)
(AVAILABLE ON -016, -032 & -048 POSITIONS ONLY)

NOT RELEASED A



DETAIL 'D'
SCALE 8:1

TABLE 3					
ASSEMBLY	QFSS-26-01-D-XX-X-PCX	"C"	"D"	"E"	"F"
QFSS-016-01-X-D-DP-X-PC4	QFSS-26-01-D-01-X-PC4	1.209[30.70]	1.347[34.21]	1	.170[4.31]
QFSS-016-01-X-D-DP-X-PC8	QFSS-26-01-D-01-X-PC8	1.524[38.70]	1.662[42.21]	3	.327[8.31]
QFSS-032-01-X-D-DP-X-PC4	QFSS-26-01-D-02-X-PC4	2.049[52.04]	2.187[55.55]	1	.170[4.31]
QFSS-032-01-X-D-DP-X-PC8	QFSS-26-01-D-02-X-PC8	2.364[60.04]	2.502[63.55]	3	.327[8.31]
QFSS-048-01-X-D-DP-X-PC4	QFSS-26-01-D-03-X-PC4	2.889[73.37]	3.027[76.89]	1	.170[4.31]
QFSS-048-01-X-D-DP-X-PC8	QFSS-26-01-D-03-X-PC8	3.204[81.37]	3.342[84.89]	3	.327[8.31]

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SHEET SCALE: 2.5:1

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

BY: BRATCHER 08/26/2003 SHEET 3 OF 3