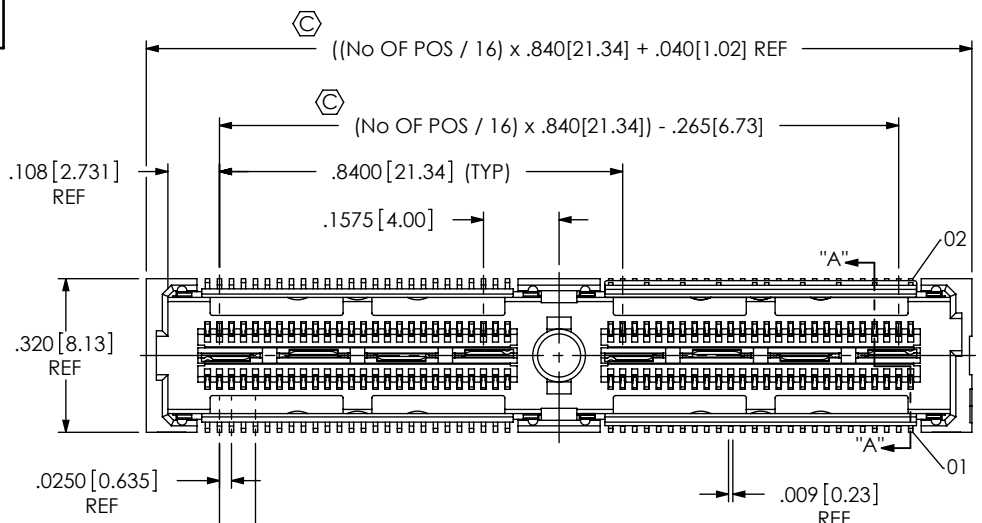


DO NOT SCALE FROM THIS PRINT

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

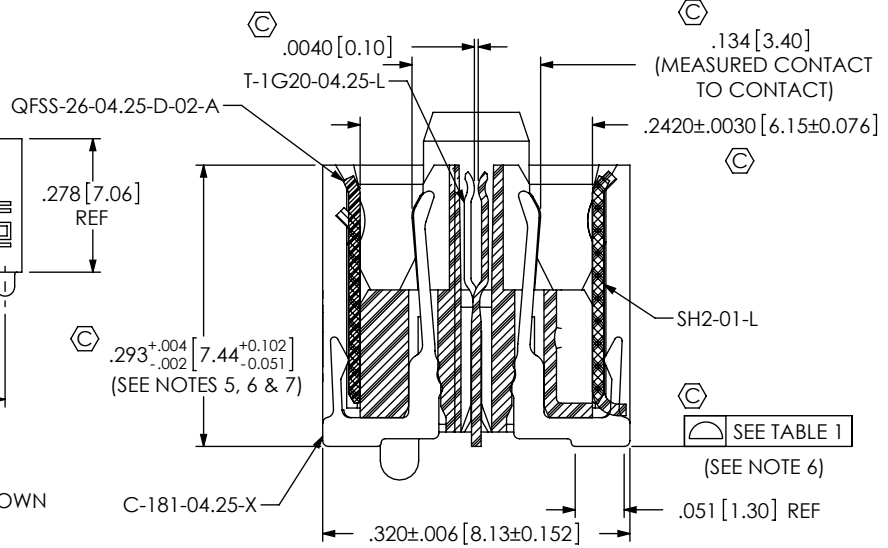
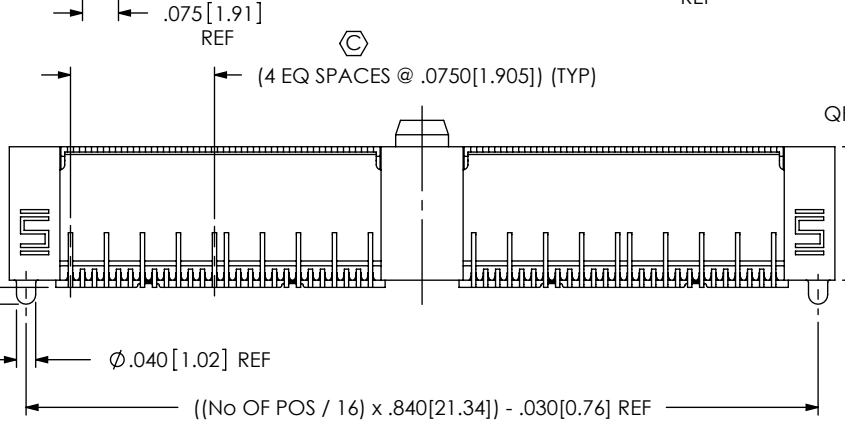


No OF PAIRS
 -016, -032, -048, -064, *-080 (PER ROW)
LEAD STYLE
 -04.25 (SEE NOTE 9)
PLATING SPECIFICATION
 -L: LIGHT GOLD (USE C-181-04.25-L)
 -H: HEAVY GOLD (USE C-181-04.25-H)
 (ALL PLATING STYLES USE SH2-01-L & T-1G20-04.25-L)
ROW SPECIFICATION
 -D: DOUBLE
 SEE FIG. 1 FOR SHIELD BEAM CONFIGURATION

OPTION
 -BM: BLIND MATE SHIELD (USE ASP-126355-02-P-L)
 -GP: GUIDE HOLES (SEE FIG 2, SHEET 2) (NOT AVAILABLE WITH -PXX)
 -PC4: 4 POWER POS PER END (.062" THICK BOARD) (SEE FIG 3, SHEET 3) USE C-79-06-S
 -PC8: 8 POWER POS PER END (.062" THICK BOARD) (SEE FIG 3, SHEET 3) USE C-79-06-S
 -PT4: 4 POWER POS PER END (.093" THICK BOARD) (SEE FIG 3, SHEET 3) USE C-79-09-S
 -PT8: 8 POWER POS PER END (.093" THICK BOARD) (SEE FIG 3, SHEET 3) USE C-79-09-S
 -TR: TAPE & REEL PACKAGING (-016 THRU -048 W/O OPTIONS -GP OR -PXX) (-016 THRU -032 W/ OPTIONS -GP OR -PXX)
-PXX NOT AVAILABLE WITH -GP AND -A]
[PXX AVAILABLE ON POSITIONS -016, -032 & -048 ONLY]

OPTION
 -A: ALIGNMENT PIN (NOT AVAILABLE WITH -PXX)
 -P: PICK AND PLACE PAD (USE PPP-51) (SEE FIG 4, SHT 4)

* = NOT TOOLED



.035[0.89] REF

FIG 1
QFSS-032-04.25-X-D-DP-A SHOWN

SECTION "A"-"A"
SCALE 5:1

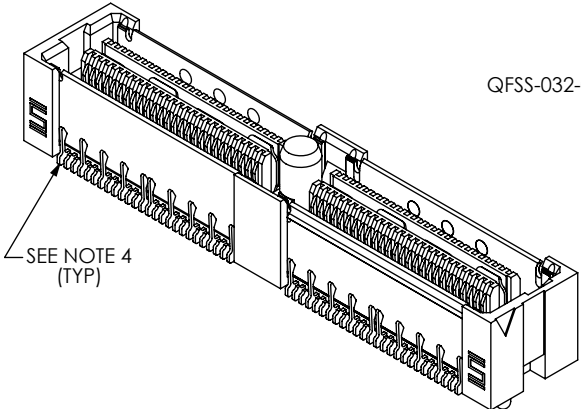


TABLE 1		
No OF POSITIONS	No OF BANKS	COPLANARITY
-016 THRU -048	1 THRU 3	.004[.10]
-064 AND -080	4 AND 5	.006[.15]

- NOTES:
- ⊙ REPRESENTS A CRITICAL DIMENSION.
 - MAXIMUM BURR ALLOWANCE: .0015 [0.038]
 - MINIMUM PUSHOUT FORCE: SIGNAL: .5 LB, SHIELD/GROUND: 1 LB, POWER: .5 LB.
 - DO NOT SHEAR CONTACTS SHOWN.
 - MAXIMUM VARIANCE: .002 [0.05].
 - DIMENSION APPLIES TO CONTACTS & GROUND PLANE.
 - GROUND PLANE PRESS HEIGHT MUST BE .003 [0.08] LESS THAN THE MAXIMUM HEIGHT OR .001 [0.03] GREATER THAN THE MINIMUM HEIGHT OF THE TERMINAL.
 - PARTS TO BE PACKAGED IN TRAYS AS STANDARD.
 - LEADSTYLE -01 MAY BE SUBSTITUTED IN PART CALLOUT FOR -04.25 FOR EXISTING CUSTOMERS ONLY.

PATENT NUMBERS
6739884/ 7165994
7121849

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
 DECIMALS ANGLES
 .XX: ±.01 [.3] 2°
 .XXX: ±.005 [.13]
 .XXXX: ±.0020 [.051]

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 e-Mail: info@SAMTEC.com code 55322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2.5:1
 INSULATOR: VECTRA E130, COLOR: BLACK
 TERMINAL, GROUND PLANE, & SHIELD: PHOS BRONZE:

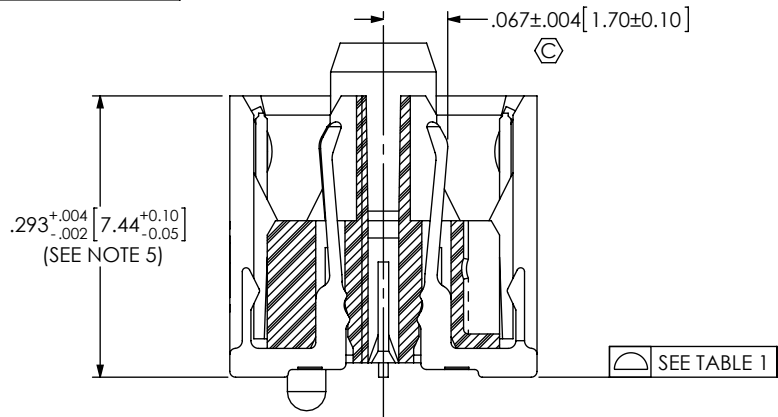
DESCRIPTION:
.635mm DIFFERENTIAL PAIRS SHIELDED TERMINAL STRIP

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

BY: BRATCHER 08/26/2003 SHEET 1 OF 4

REVISION Y

IN-PROCESS 1



CONTACT DETAILS

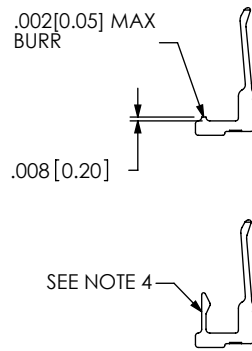


TABLE 2		
ASSEMBLY	"A"	"B"
QFSS-016-04.25-X-D-DP-A-GP	1.050[26.67]	1.330[33.78]
QFSS-032-04.25-X-D-DP-A-GP	1.890[48.00]	2.170[55.12]
QFSS-048-04.25-X-D-DP-A-GP	2.730[69.34]	3.010[76.45]
QFSS-064-04.25-X-D-DP-A-GP	3.570[90.68]	3.850[97.79]
QFSS-080-04.25-X-D-DP-A-GP	4.410[112.01]	4.690[119.13]

IN-PROCESS 2

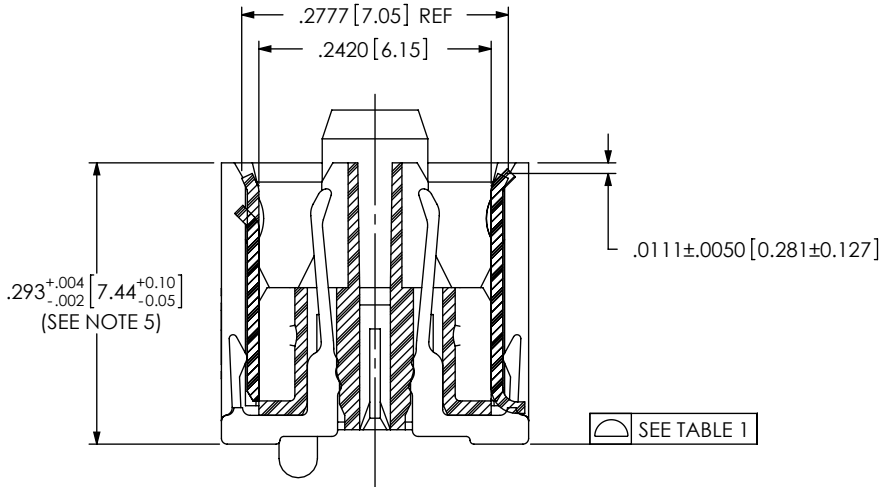
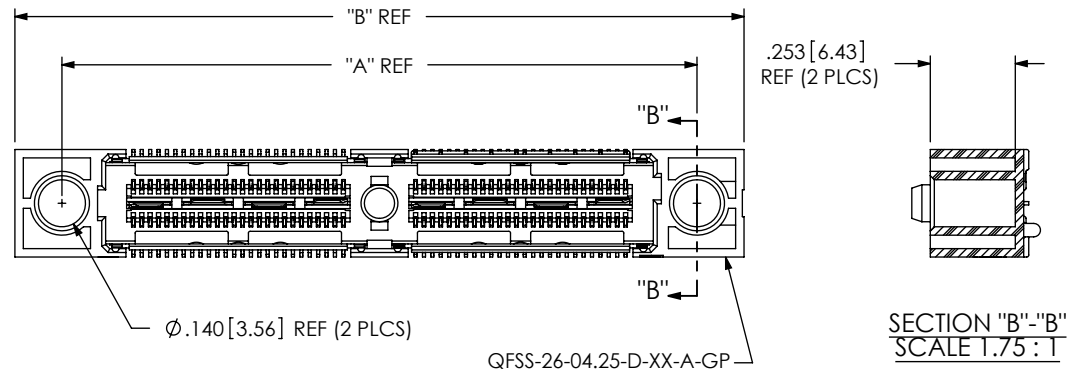


FIG 2
-GP: GUIDE HOLE OPTION
(QFSS-032-04.25-X-D-DP-A-GP SHOWN)
(NOT AVAILABLE WITH -PXX OPTIONS)



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

BY: BRATCHER 08/26/2003 SHEET 2 OF 4

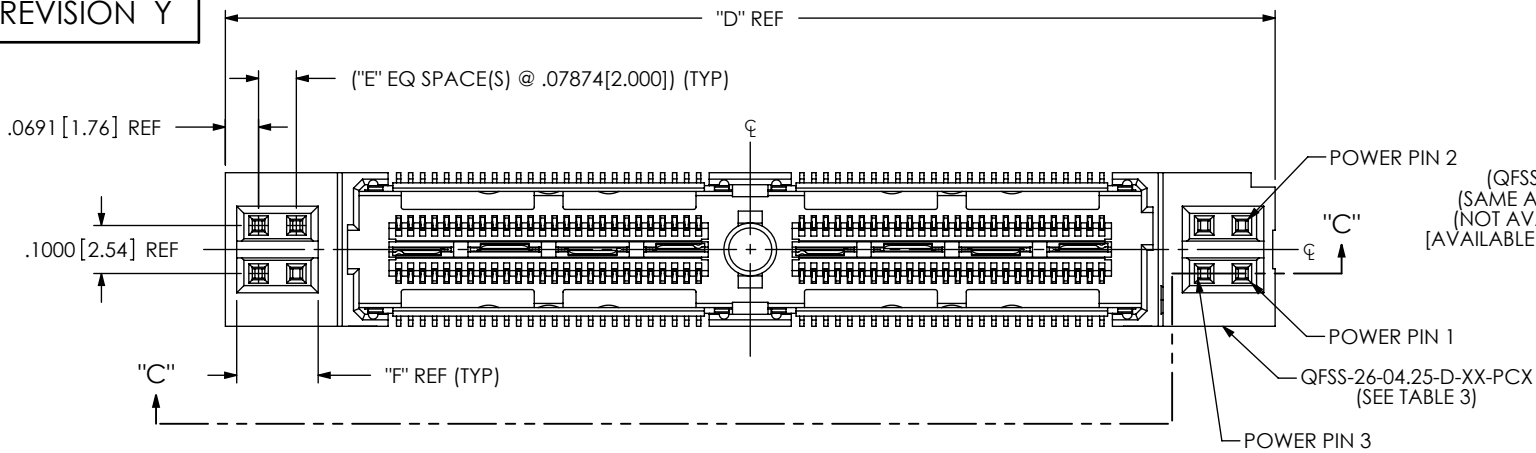
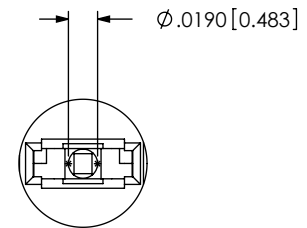
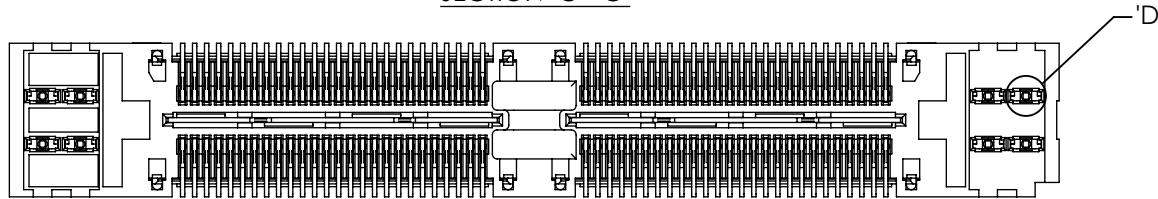
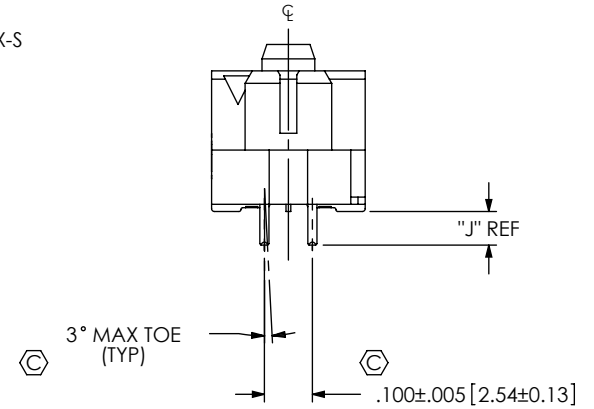
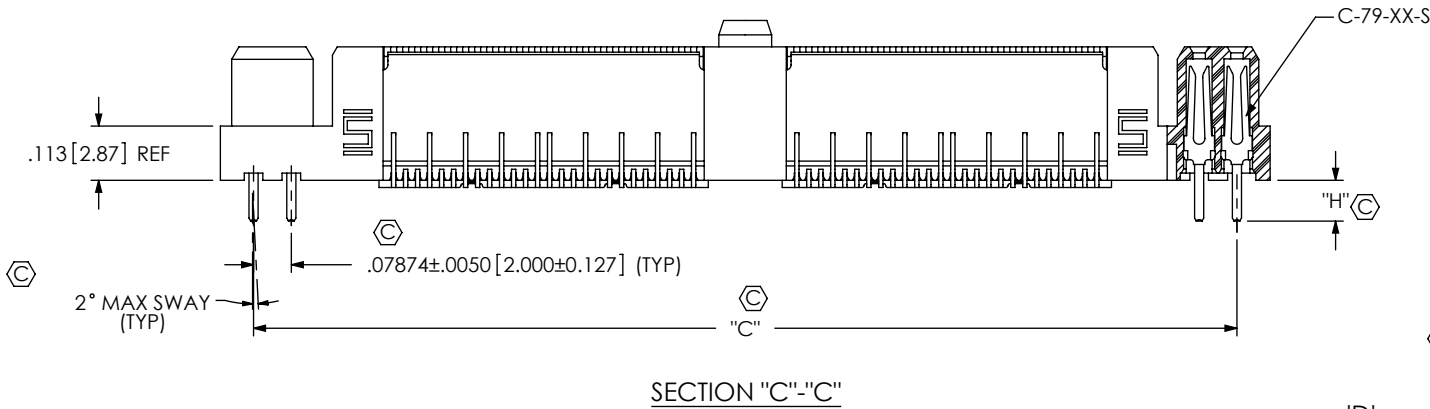


FIG 3

POWER COMBO OPTIONS
 (QFSS-032-04.25-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]



DETAIL 'D'
 SCALE 8 : 1

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

ASSEMBLY	QFSS-26-04.25-D-XX-PCX	"C"	"D"	"E"	"F"
QFSS-016-04.25-X-D-DP-X-PX4	QFSS-26-04.25-D-01-PC4	1.209[30.70]	1.347[34.21]	1	.170[4.31]
QFSS-016-04.25-X-D-DP-X-PX8	QFSS-26-04.25-D-01-PC8	1.524[38.70]	1.662[42.21]	3	.327[8.31]
QFSS-032-04.25-X-D-DP-X-PX4	QFSS-26-04.25-D-02-PC4	2.049[52.04]	2.187[55.55]	1	.170[4.31]
QFSS-032-04.25-X-D-DP-X-PX8	QFSS-26-04.25-D-02-PC8	2.364[60.04]	2.502[63.55]	3	.327[8.31]
QFSS-048-04.25-X-D-DP-X-PX4	QFSS-26-04.25-D-03-PC4	2.889[73.37]	3.027[76.89]	1	.170[4.31]
QFSS-048-04.25-X-D-DP-X-PX8	QFSS-26-04.25-D-03-PC8	3.204[81.37]	3.342[84.89]	3	.327[8.31]

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

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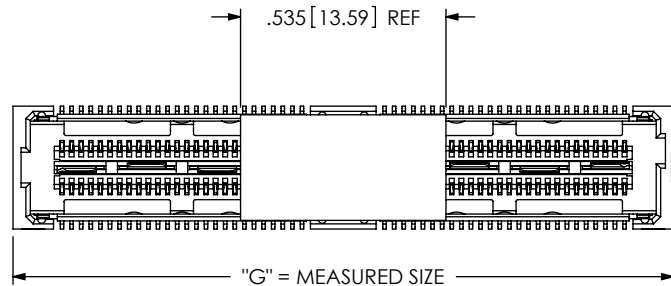


FIG 4

-P: PICK AND PLACE PAD OPTION
(QFSS-032-04.25-X-D-DP-P SHOWN)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)
[USE PPP-51]

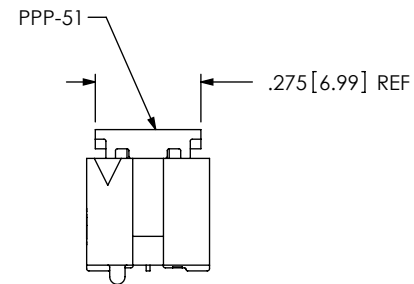
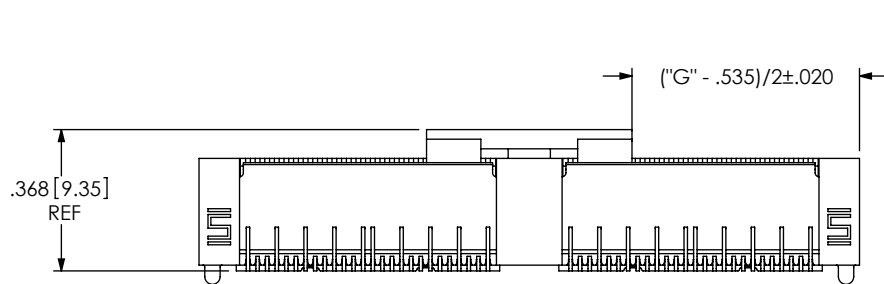
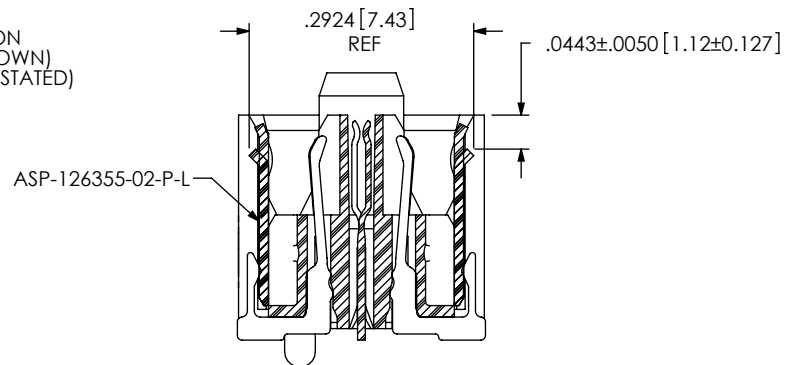
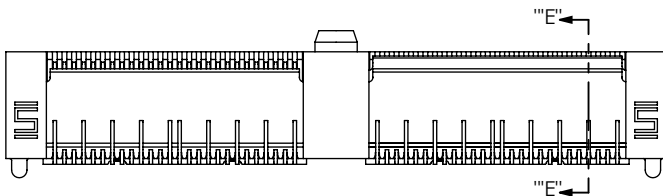


FIG 5

-BM: BLIND MATE SHIELD OPTION
(QFSS-032-04.25-X-D-DP-A-BM SHOWN)
(SAME AS FIG 1, UNLESS OTHERWISE STATED)



SECTION "E"-"E"
SCALE 4 : 1

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