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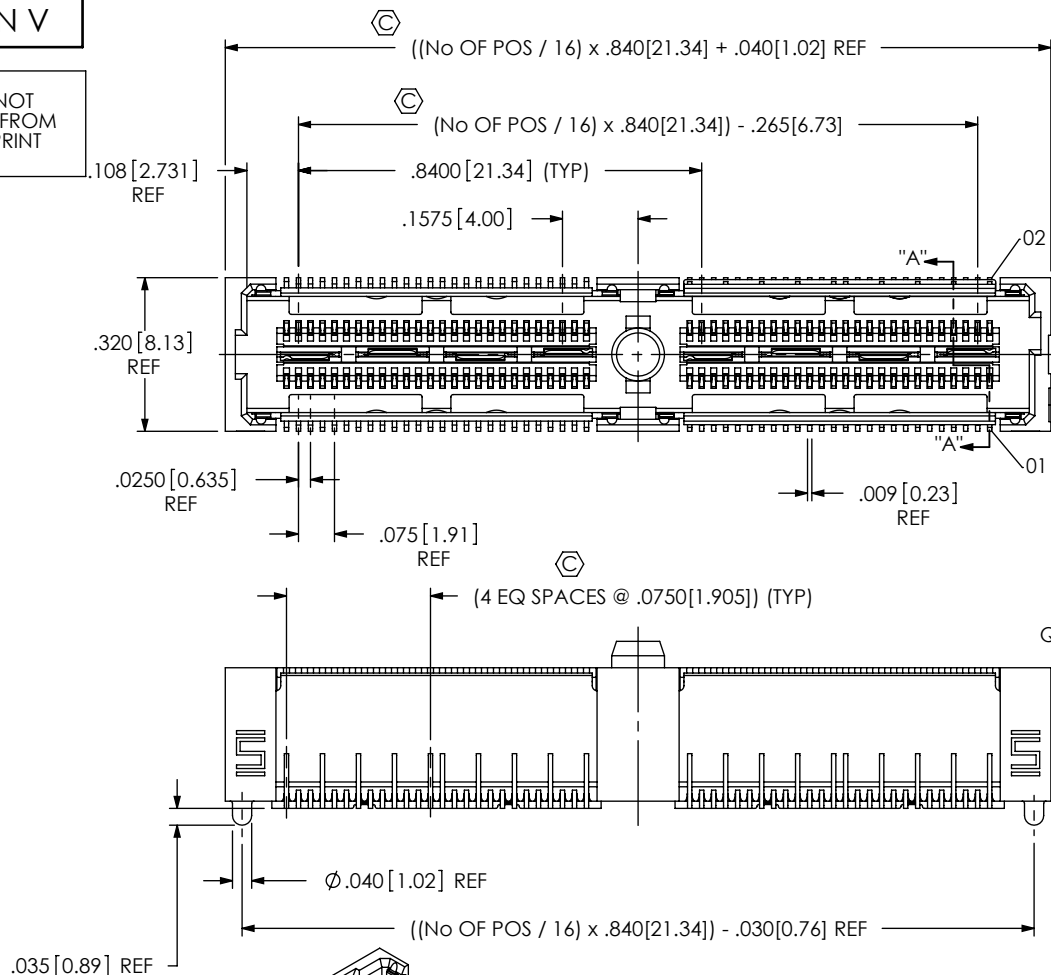
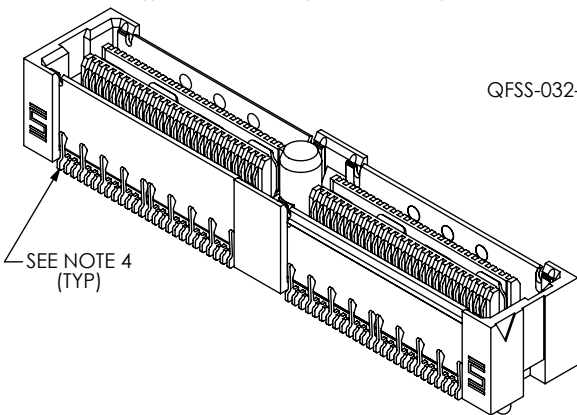


FIG 1  
QFSS-032-04.25-X-D-DP-A SHOWN



NOTES:

1.  $\odot$  REPRESENTS A CRITICAL DIMENSION.
2. BURR ALLOWANCE: .0015[0.038] MAX.
3. MINIMUM PUSHOUT FORCE: SIGNAL: .5 LB, SHIELD/GROUND: 1 LB, POWER: .5 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.
8. PARTS TO BE PACKAGED IN TRAYS AS STANDARD.
9. LEADSTYLE -01 MAY BE SUBSTITUTED IN PART CALLOUT FOR -04.25 FOR EXISTING CUSTOMERS ONLY.

PATENT NUMBERS  
6739884/ 7165994  
7121849

c:\enterprise\vault\DWG\MISC\MKTG\QFSS-XXX-XX.XX-X-D-DP-X-XXX-MKT.SLDDRW

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

-DP: DIFFERENTIAL PAIRS  
SEE FIG. 1 FOR SHIELD  
BEAM CONFIGURATION

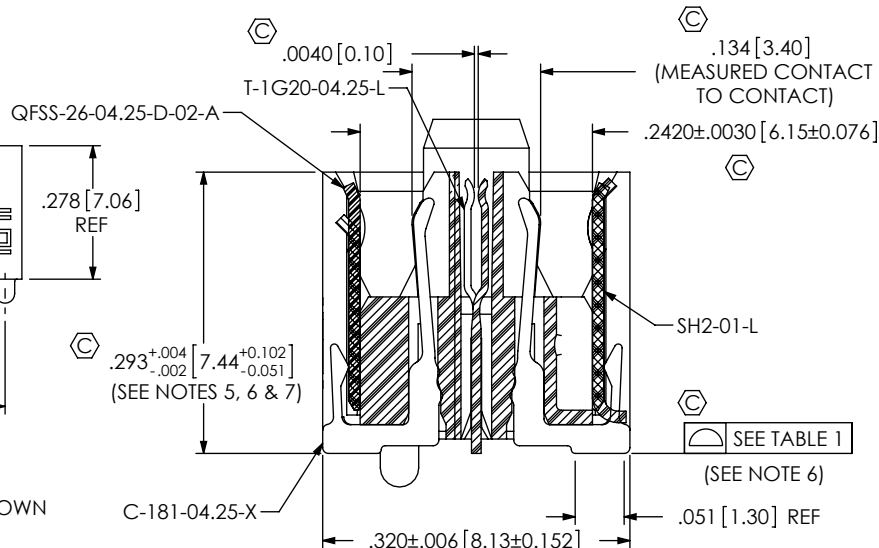
\* = NOT TOOLED

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)



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] 2°  
.XXX: ±.005 [.13]  
.XXXX: ±.0020 [.051]

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2.5:1

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

**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.

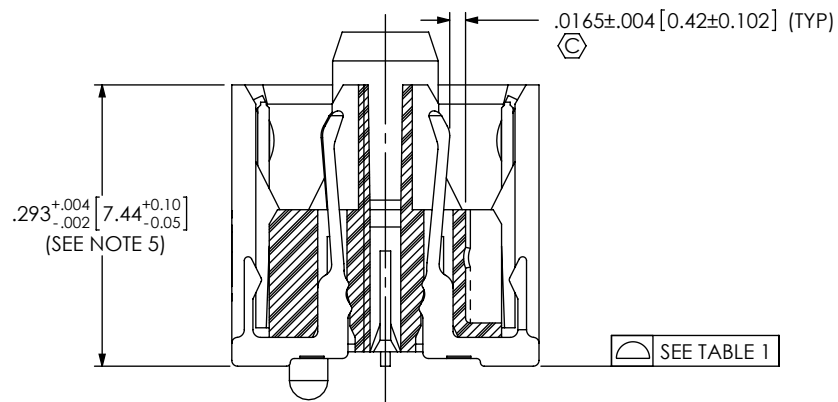
QFSS-XXX-XX.XX-X-D-DP-X-XXX

BY: BRATCHER 08/26/2003

SHEET 1 OF 4

REVISION V

IN-PROCESS 1



CONTACT DETAILS

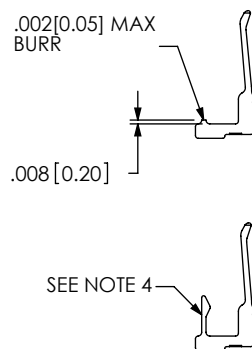


TABLE 2

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

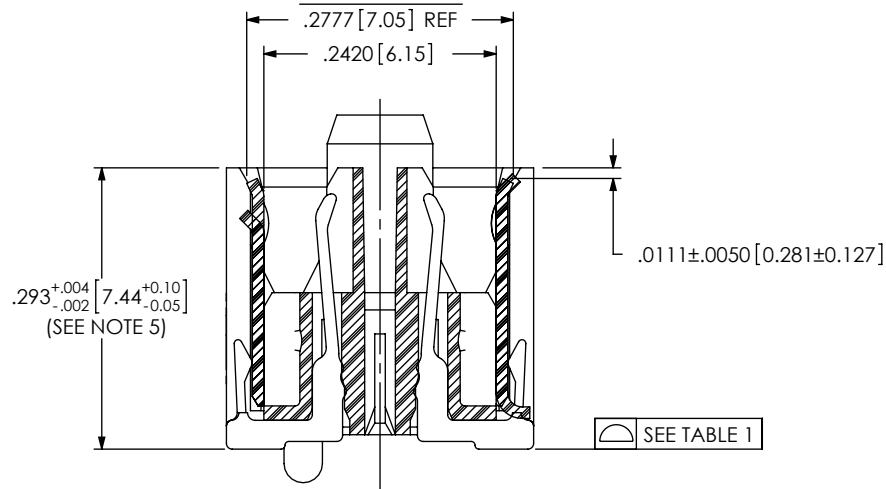
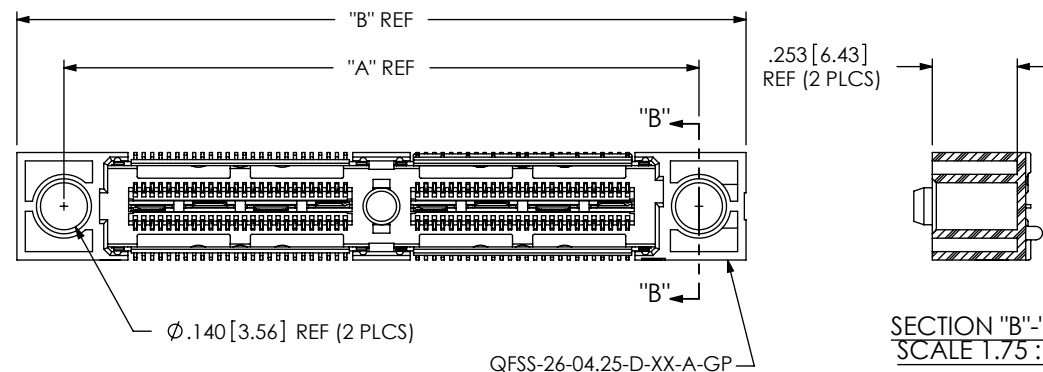


FIG 2

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



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

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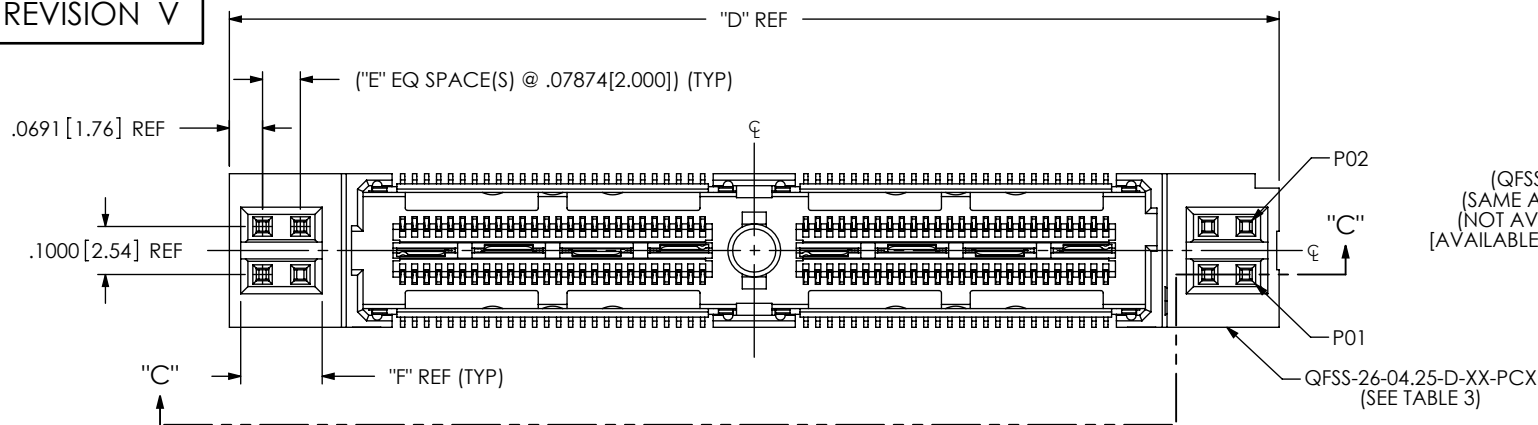
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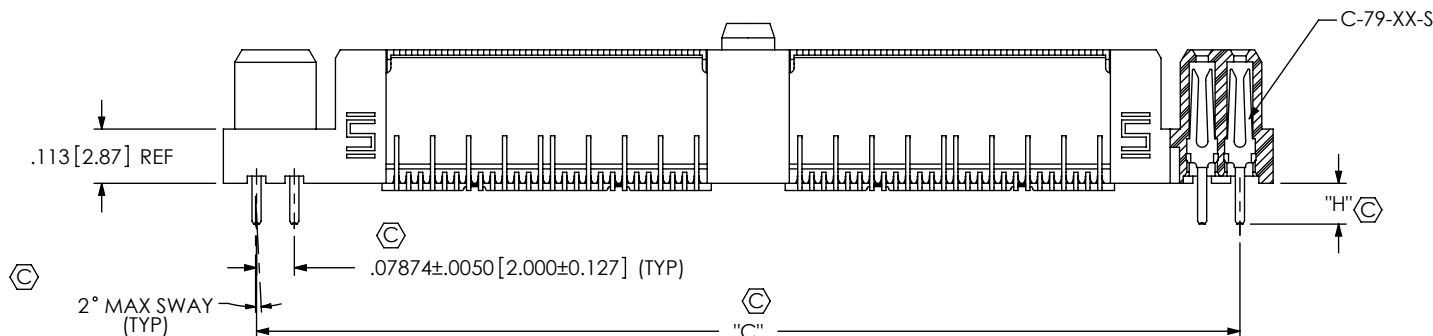
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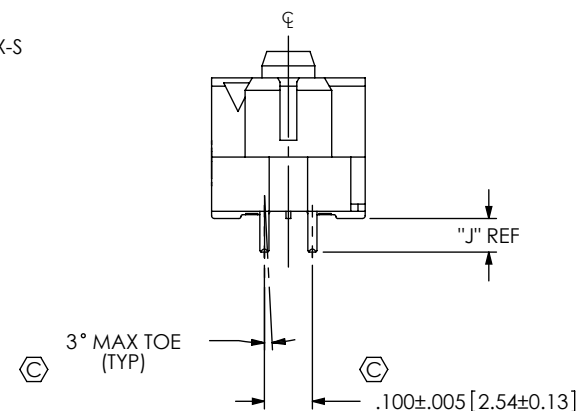
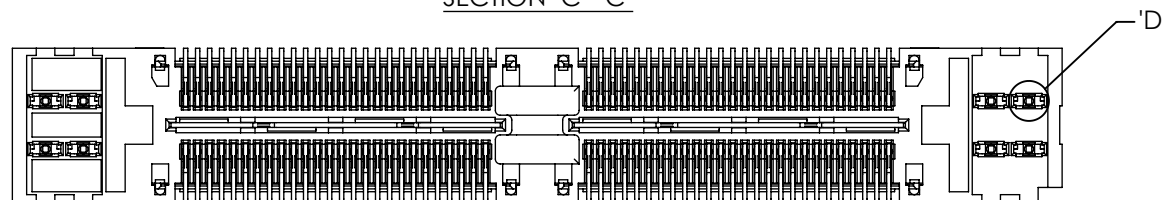
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**FIG 3**  
POWER COMBO OPTIONS  
(QFSS-032-04.25-X-D-DP-PC4 SHOWN)  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)  
(NOT AVAILABLE WITH -GP AND -A OPTIONS)  
(AVAILABLE ON -016, -032 & -048 POSITIONS ONLY)



SECTION "C"-"C"



DETAIL 'D'  
SCALE 8:1

TABLE 4

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]

TABLE 3

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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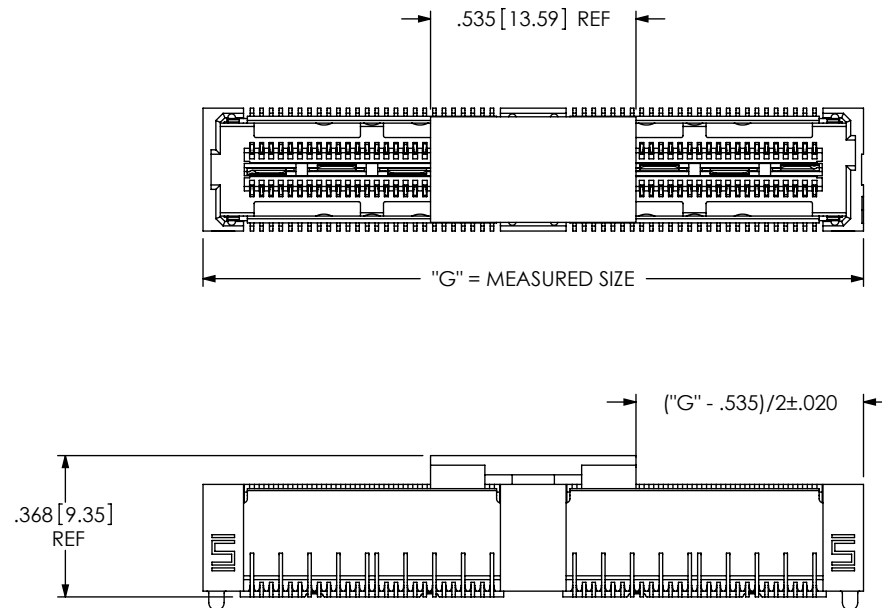


FIG 4

-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]

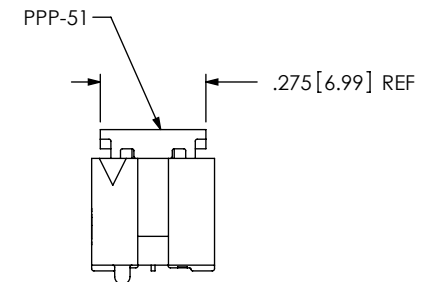
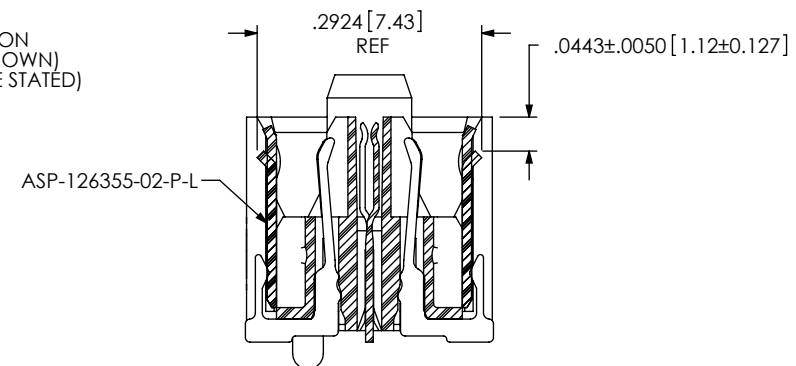
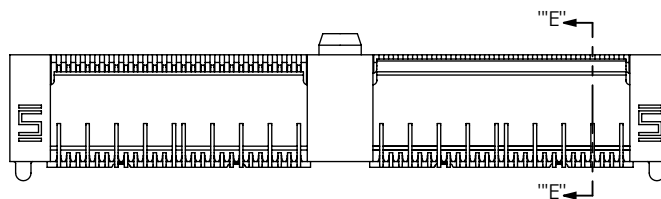


FIG 5  
-BM: BLIND MATE SHIELD OPTION  
(QFSS-032-04.25-X-D-DP-A-BM SHOWN)  
(SAME AS FIG 1, UNLESS OTHERWISE STATED)



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

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