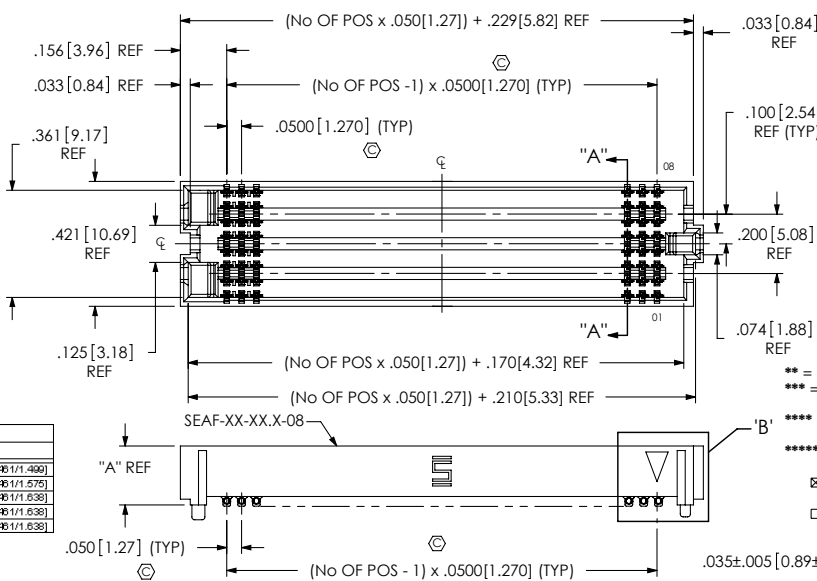


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FIG. 1
-08: 8 ROW
(SEAF-30-05.0-XX-08-1-A-XX-K-TR SHOWN)
(ALL CONTACTS, POLYIMIDE NOT SHOWN FOR CLARITY)



SEAF-XX-XX.X-XX-XX-X-A-XX-K-TR

- No OF POSITIONS: ****-10, ***-15, *****-19, -20, -25, -30, -40, -50 (PER ROW)
- LEAD STYLE:
 - 05.0: .199 [5.06] HEIGHT
 - 06.0: .238 [6.05] HEIGHT
 - 06.5: .258 [6.55] HEIGHT
 - 07.5: .297 [7.54] HEIGHT
 - **08.0: .317 [8.05] HEIGHT (SEE TABLE 1)
- PLATING SPECIFICATION:
 - L: LIGHT GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE SUB-C-209-XX.X-L-X)
 - SM: SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE SUB-C-209-XX.X-S-X)
 - S: SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL (USE SUB-C-209-XX.X-S-X)
- ROW:
 - 04: 4 ROWS (SEE FIG. 12, SHT 5)
 - 05: 5 ROWS (SEE FIG. 6, SHT 3)
 - 06: 6 ROWS (SEE FIG. 5, SHT 3)
 - 08: 8 ROWS (SEE FIG. 1)
 - 10: 10 ROWS (SEE FIG. 2, SHT 2)
- TAPE & REEL (SEE NOTES 8, 9 & 10)
- POLYIMIDE PAD (SEE FIG. 4, SHT 2) (SEE NOTE 7)
- OPTION:
 - LP: LATCH POST OPTION (SEE FIG. 13, SHT 5) (ONLY AVAILABLE WITH -05.0 LEAD STYLE, 6, & 8 ROWS)
 - **N: NOTCH (SEE FIG. 7, SHT 4) (ONLY AVAILABLE IN SEAF-30-05.0-XX-06-X-XX)
 - **RP: RETENTION PIN (SEE FIG. 16, SHT 5) (ONLY AVAILABLE WITH -05.0 LEAD STYLE, 6, 8 & 10 ROWS)
 - PP: POLARIZATION PIN (SEE FIG. 17, SHT 5) (ONLY AVAILABLE WITH -05.0 LEAD STYLE, 6, 8 & 10 ROWS)
 - ALIGNMENT PIN (SEE FIG. 3, SHT 2) (SEE NOTE 6) (SEE NOTE 13)
- SOLDER COMPOSITION & STYLE:
 - 1: 63% TIN / 37% LEAD CHARGE TAIL (USE SUB-C-209-XX.X-S-1)
 - 2: 95.5% TIN/3.8% SILVER/.7% COPPER CHARGE TAIL (USE SUB-C-209-XX.X-S-2)
 - 3: 63% TIN / 37% LEAD CRIMP TAIL (USE SUB-C-305-XX.X-X-1) (SEE FIG. 15, SHT 6) (ONLY AVAILABLE ON -05.0, -06.0, -06.5 & -07.5 LEAD STYLES)
 - 4: 95.5% TIN/3.8% SILVER/.7% COPPER CRIMP TAIL (USE SUB-C-305-XX.X-X-2) (SEE FIG. 15, SHT 6) (ONLY AVAILABLE ON -05.0, -06.0, -06.5 & -07.5 LEAD STYLES)

TABLE 8

LEAD STYLE	"J"
-05.0	.0530 [0.690] [1.348] [1.490]
-06.0	.0530 [0.690] [1.348] [1.575]
-06.5	.0530 [0.690] [1.348] [1.638]
-07.5	.0530 [0.690] [1.348] [1.638]
**08.0	.0530 [0.690] [1.348] [1.638]

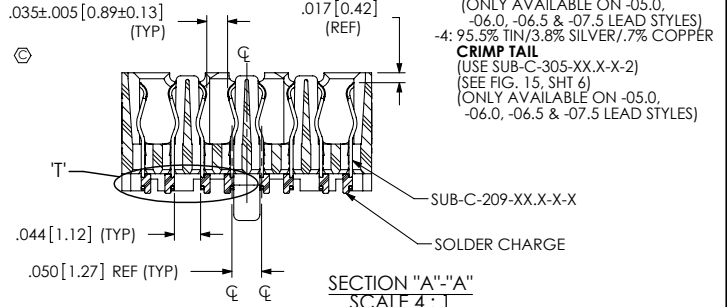
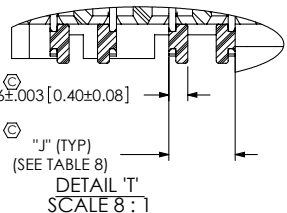
* = NOT TOOLED

TABLE 2

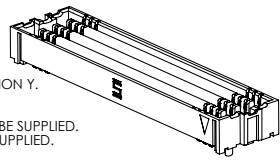
SEAF LEAD STYLE	STACK HEIGHT							
	-02.0	-03.0	-03.5	-06.5	-07.0	-09.0	-11.0	*-13.0
-05.0	7mm	8mm	8.5mm	11.5mm	12mm	14mm	16mm	18mm
-06.0	8mm	9mm	9.5mm	12.5mm	13mm	15mm	17mm	19mm
-06.5	8.5mm	9.5mm	10mm	13mm	13.5mm	15.5mm	17.5mm	19.5mm
-07.5	9.5mm	10.5mm	11mm	14mm	14.5mm	16.5mm	18.5mm	20.5mm
-08.0	10mm	11mm	11.5mm	14.5mm	15mm	17mm	19mm	21mm

TABLE 1

STYLE	"A"	BODY CALLOUT	CONTACT
-05.0	0.199 [5.05]	SEAF-XX-05.0-XX-X	SUB-C-209-05.0-X-X
-06.0	0.238 [6.05]	SEAF-XX-06.0-XX-X	SUB-C-209-06.0-X-X
-06.5	0.258 [6.55]	SEAF-XX-06.5-XX-X	SUB-C-209-06.5-X-X
-07.5	0.297 [7.54]	SEAF-XX-07.5-XX-X	SUB-C-209-07.5-X-X
08.0	0.317 [8.05]	SEAF-XX-08.0-XX-X	SUB-C-209-08.0-X-X



- NOTES:**
- ⊙ REPRESENTS A CRITICAL DIMENSION.
 - MINIMUM PUSHOUT FORCE: .75 LBS.
 - NOTE DELETED.
 - 5 ROW SOLDER TAILS ARE NOT SYMMETRICAL WITH BODY WIDTH (DIM. 32 [18.15]); SEE FIG. 6, SHEET 3).
 - INSPECT DIMENSION AT 4 CORNERS OF PART.
 - WITHOUT -A AVAILABLE FOR EXISTING CUSTOMERS ONLY AS OF REVISION Y.
 - POLYIMIDE PAD WILL BE SUPPLIED WHETHER OR NOT -K IS SPECIFIED.
 - TAPE & REEL WILL BE SUPPLIED WHETHER OR NOT -TR IS SPECIFIED.
 - FOR QUANTITIES UP TO 49 PIECES, NO LEADER, TRAILER, OR REEL WILL BE SUPPLIED.
 - FOR QUANTITIES OF 50 - 124 PIECES, NO LEADER OR TRAILER WILL BE SUPPLIED.
 - ATTACH LABEL "SEAX-0001" TO EACH TAPE & REEL PACKAGE.
 - SEE RECOMMENDED FOOTPRINT DRAWING FOR STENCIL REQUIREMENTS.
 - SOLDER CHARGE VOLUME IS .891 x 10⁻⁵ IN ³ REF.
 - FOR VITA REQUIREMENTS, -A PIN SHOULD NOT BE ORDERED.
 - SLOT ORIENTATION MUST BE AS SHOWN.



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE:

DECIMALS	ANGLES
.XX: ±.01 [3]	2°
.XXX: ±.005 [13]	
.XXXX: ±.0020 [051]	

MATERIAL: DO NOT SCALE DRAWING
INSULATOR: LCP, COLOR: BLACK
CONTACT OR TERMINAL: COPPER ALLOY

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520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

DESCRIPTION: .050 PITCH SOCKET ARRAY ASSEMBLY

DWG. NO. SEAF-XX-XX.X-XX-XX-X-A-XX-K-TR

BY: BRATCHER 05/27/2004 SHEET 1 OF 6

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FIG. 2
-10: 10 ROW
(SAME AS FIG. 1, EXCEPT AS SHOWN)
(SEAF-30-05.0-XX-10-1-A-XX-K-TR SHOWN)
(ALL CONTACTS, POLYIMIDE NOT SHOWN FOR CLARITY)

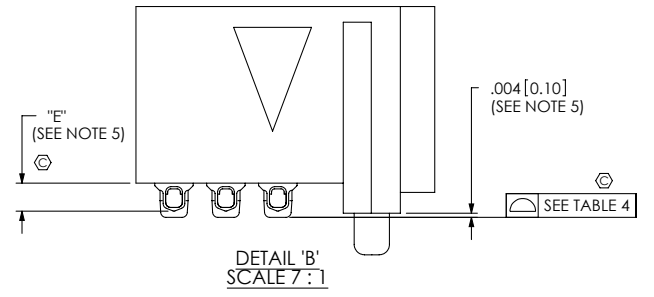
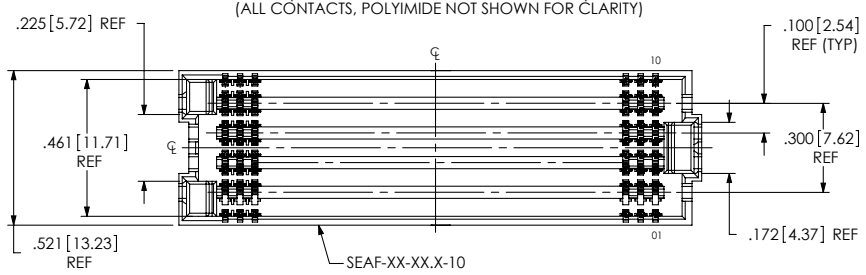


TABLE 4

POSITION	FLATNESS
-10 TO -30	.006 [0.15]
-40	.009 [0.23]
-50	.009 [0.23]

TABLE 5

LEAD STYLE	"E"
-05.0	.0270 [0.686]
-06.0	.0660 [1.676]
-06.5	.0860 [2.184]
-07.5	.0660 [1.677]
-08.0	.0660 [1.677]

FIG. 3
-A: ALIGNMENT PINS
(SAME AS FIG. 1, EXCEPT AS SHOWN)
(SEAF-30-05.0-XX-08-1-A-XX-K-TR SHOWN)
(ALL CONTACTS, POLYIMIDE NOT SHOWN FOR CLARITY)

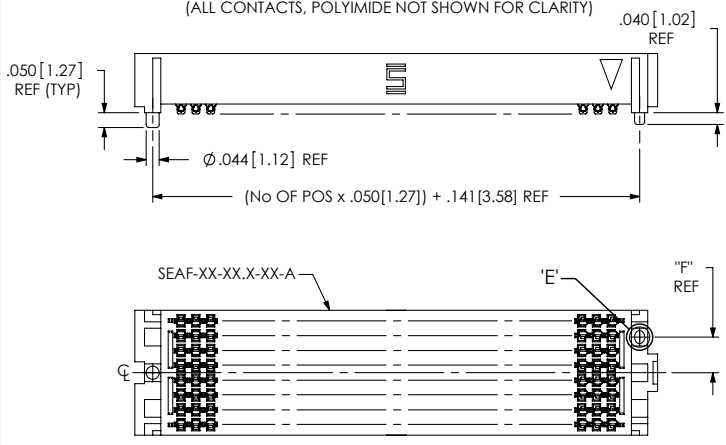


TABLE 6

No. OF ROWS	"F"
-04	.079 [2.01]
-05	.120 [3.05]
-06	.120 [3.05]
-08	.120 [3.05]
-10	.120 [3.05]

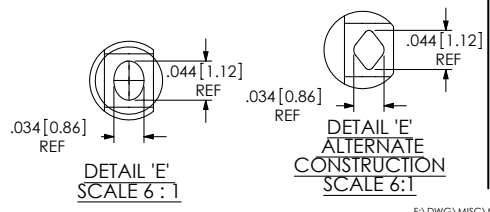


FIG. 4
-K: POLYIMIDE PAD
(SEAF-30-05.0-XX-08-1-A-XX-K-TR SHOWN)
(SAME AS FIG. 1, EXCEPT AS SHOWN)
(ALL CONTACTS NOT SHOWN FOR CLARITY)
(HAND PLACE USE K-850-650)

DOT APPLICATOR-KAPTON TAPE: USE
-04 ROW: K-DOT-.138-.250-.005
-05/-06 ROW: K-DOT-.236-.343-.005
-08 ROW: K-DOT-.325-.450-.005
-10 ROW: K-DOT-.404-.500-.005

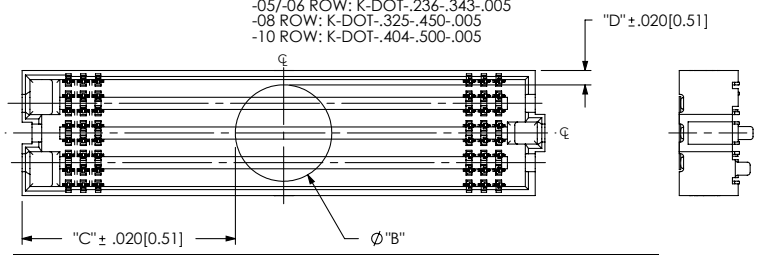


TABLE 3

ROW	"B"	"C"	"D"
-04	0.138 [3.50]	(((No OF POS x .050 [1.27]) + .263 [6.68]) - "B") / 2	0.042 [1.07]
-05, -06	0.236 [6.00]		0.043 [1.09]
-08	0.325 [8.25]		0.048 [1.22]
-10	0.404 [10.25]		0.059 [1.50]

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520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-949-5047
e-Mail info@SAMTEC.com code: 55322

DESCRIPTION:
.050 PITCH SOCKET ARRAY ASSEMBLY

DWG. NO.
SEAF-XX-XX.X-XX-XX-X-A-XX-K-TR

BY: BRATCHER 05/27/2004 SHEET 2 OF 6

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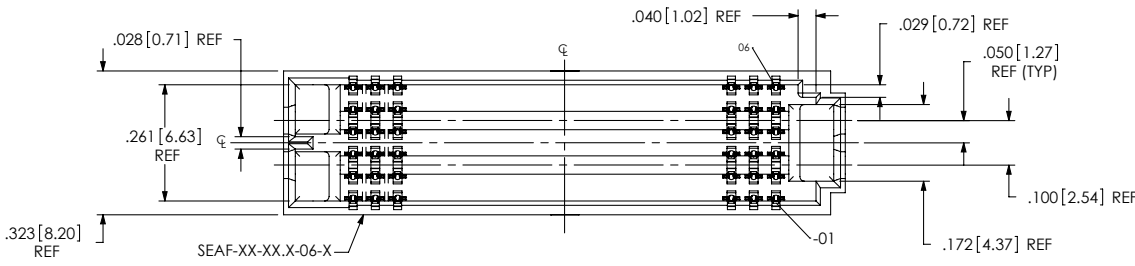


FIG. 5
-06: 6 ROW
(SAME AS FIG. 1, EXCEPT AS SHOWN)
(SEAF-20-05.0-XX-06-1-A-XX-K-TR SHOWN)
(ALL CONTACTS, POLYIMIDE NOT SHOWN FOR CLARITY)

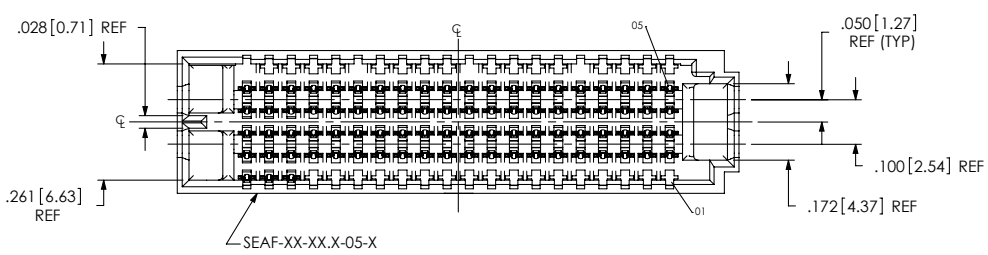
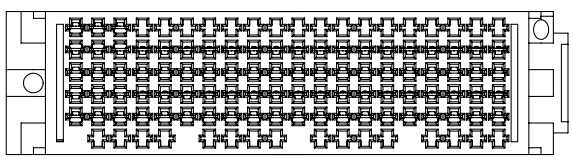
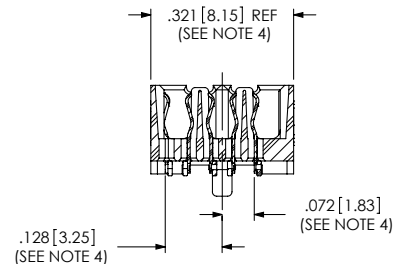
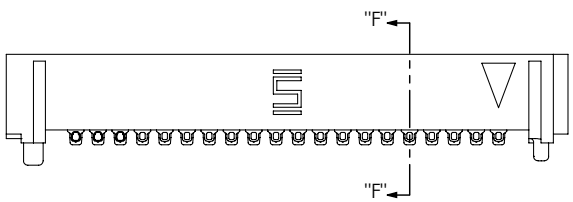


FIG. 6
-05: 5 ROW
(SAME AS FIG. 5, EXCEPT AS SHOWN)
(SEAF-20-05.0-XX-05-1-A-XX-K-TR SHOWN)
(POLYIMIDE NOT SHOWN FOR CLARITY)



SECTION "F"- "F"

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e-Mail info@SAMTEC.com code: 55322

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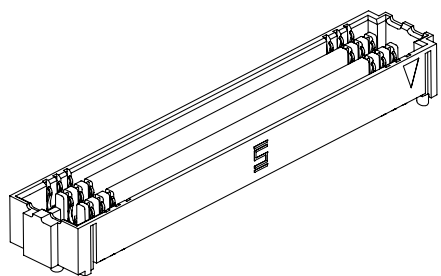
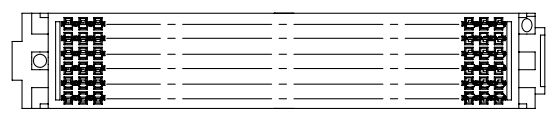
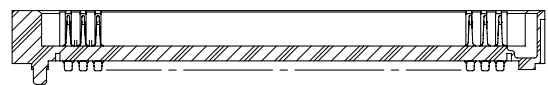
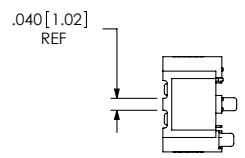
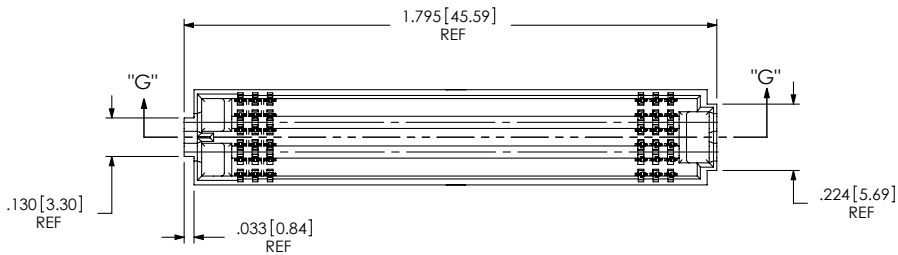
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FIG. 7
 **N: NOTCH OPTION
 (SAME AS FIG. 3, EXCEPT AS SHOWN)
 (SEAF-30-05.0-XX-06-1-A-N-K-TR SHOWN)
 (-05.0 LEAD STYLE ONLY)
 (ALL CONTACTS, POLYIMIDE NOT SHOWN FOR CLARITY)
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 PHONE: 812-944-6733 FAX: 812-948-5047
 e-Mail info@SAMTEC.com code: 55322

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FIG. 12
 -04: 4 ROW
 (SEAF-20-05.0-XX-04-1-A-XX-K-TR SHOWN)
 (ALL CONTACTS, POLYIMIDE NOT SHOWN FOR CLARITY)
 (SAME AS FIG.1 EXCEPT AS SHOWN)

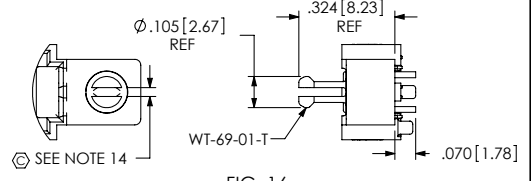
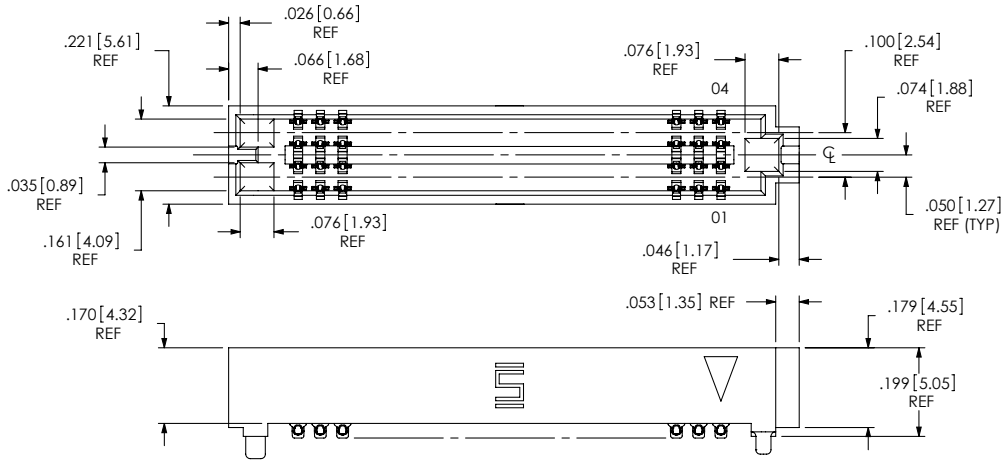


FIG. 16
 -RF OPTION
 (SEAF-30-05.0-XX-06-1-A-RP-K-TR SHOWN)
 (ALL CONTACTS, POLYIMIDE NOT SHOWN FOR CLARITY)
 (SAME AS FIG.13 EXCEPT AS SHOWN)
 (-PP OPTION VALID FOR SEAR MATE ONLY)
 (ONLY AVAILABLE WITH -05.0 LEAD STYLE 6, 8 & 10 ROW)

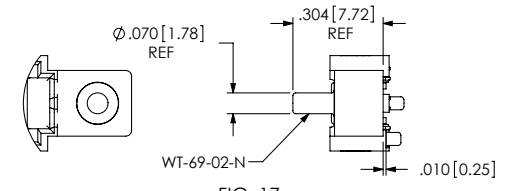


FIG. 17
 -PP OPTION
 (SEAF-30-05.0-XX-06-1-A-PP-K-TR SHOWN)
 (ALL CONTACTS, POLYIMIDE NOT SHOWN FOR CLARITY)
 (SAME AS FIG.13 EXCEPT AS SHOWN)
 (-PP OPTION VALID FOR SEAR MATE ONLY)
 (ONLY AVAILABLE WITH -05.0 LEAD STYLE 6, 8 & 10 ROW)

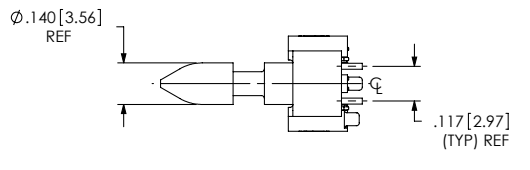
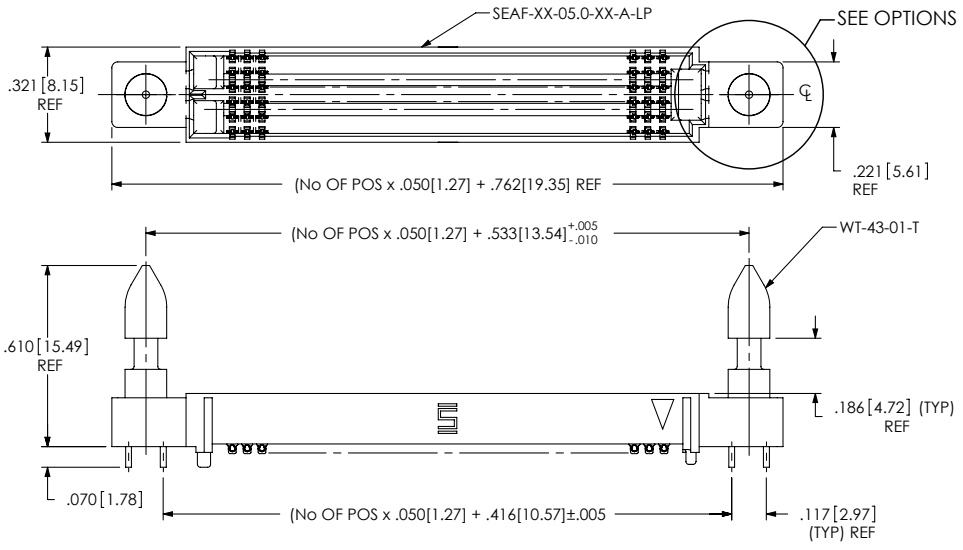


FIG. 13
 -LP OPTION
 (SEAF-30-05.0-XX-06-1-A-LP-K-TR SHOWN)
 (ALL CONTACTS, POLYIMIDE NOT SHOWN FOR CLARITY)
 (SAME AS FIG.12 EXCEPT AS SHOWN)
 (-LP OPTION REQUIRED FOR SEAC MATE ONLY)
 (ONLY AVAILABLE WITH -05.0 LEAD STYLE 6, & 8 ROW)

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 520 PARK EAST BLVD, NEW ALBANY, IN 47150
 PHONE: 812-944-6733 FAX: 812-948-5047
 e-Mail info@SAMTEC.com code: 55322

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FIG. 14

**04: 4 ROW
 (SEAF-30-08.0-XX-04-1-A-XX-K-TR SHOWN)
 (ALL CONTACTS, POLYIMIDE NOT SHOWN FOR CLARITY)
 (SAME AS FIG. 1 EXCEPT AS SHOWN)
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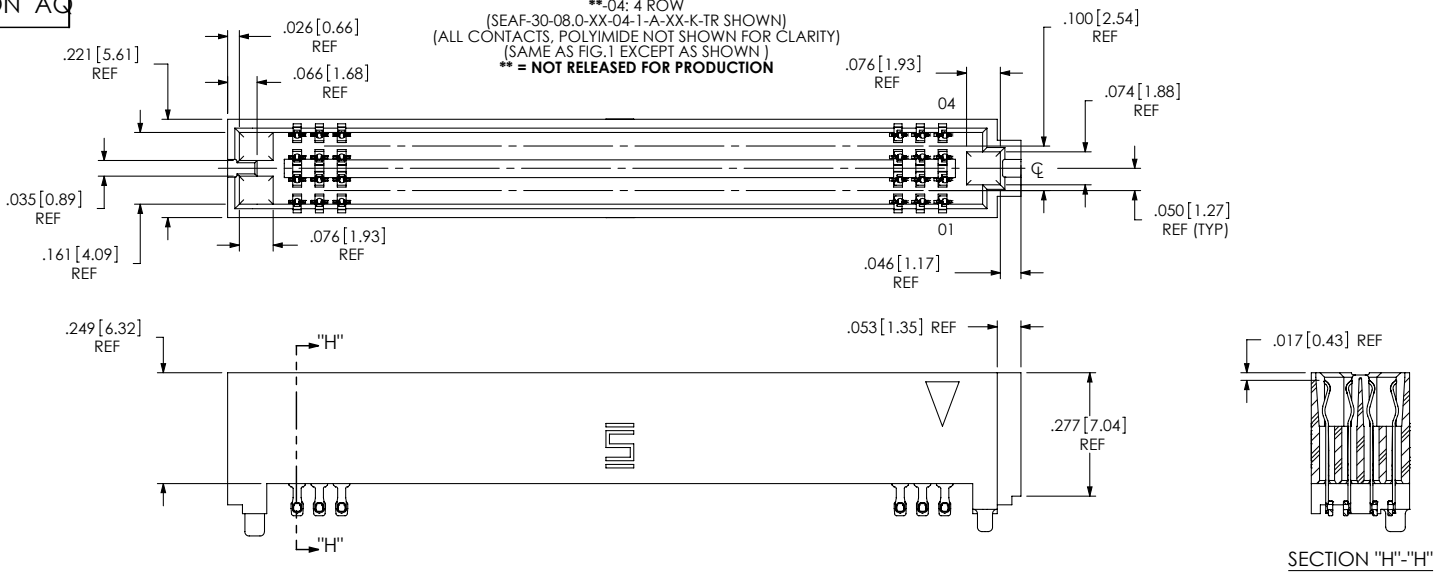


FIG. 15

CRIMPTAIL DETAILS
 (SEAF-30-05.0-XX-08-X-A-XX-K-TR SHOWN)
 (SAME AS FIG. 1 EXCEPT AS SHOWN)
 (ONLY AVAILABLE ON -.05.0, -.06.0, -.06.5, -.07.5 LEAD STYLES)
 (ALL CONTACTS, POLYIMIDE NOT SHOWN FOR CLARITY)

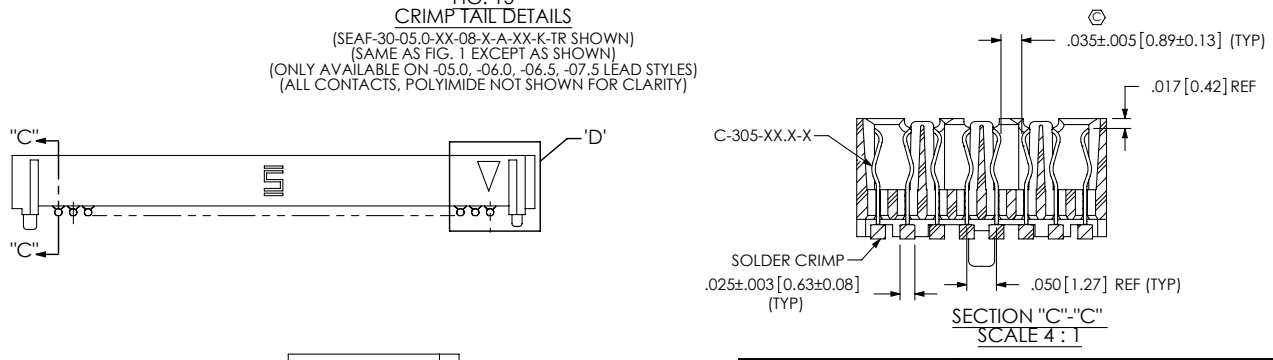
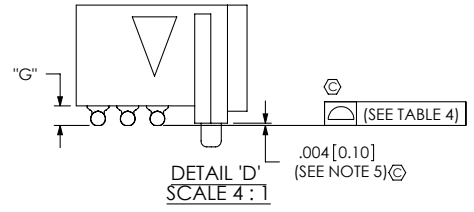


TABLE 7	
LEAD STYLE	"G"
-05.0	.0330 [0.838]
-06.0	.0720 [1.829]
-06.5	.0920 [2.337]



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 DWG. NO.
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