

DO NOT
SCALE FROM
THIS PRINT

TABLE 1			
STYLE	"F"	BODY CALLOUT	CONTACT
-05.0	.197 [5.00]	SEAFP-XX-05.0-XX-X	C-365-05.0-X
*-06.0	.237 [6.02]	SEAFP-XX-06.0-XX-X	C-365-06.0-X
*-07.0	.276 [7.01]	SEAFP-XX-07.0-XX-X	C-365-07.0-X

(* = NOT TOOLED)

TABLE 3					
No OF POS	"A"	"B"	"C"	"D"	"E"
-10	.729 [18.52]	.450 [11.43]	.670 [17.02]	.710 [18.03]	.450 [11.43]
-20	1.229 [31.22]	.950 [24.13]	1.170 [29.72]	1.210 [30.73]	.950 [24.13]
-30	1.729 [43.92]	1.450 [36.83]	1.670 [42.42]	1.710 [43.43]	1.450 [36.83]
-40	2.229 [56.62]	1.950 [49.53]	2.170 [55.12]	2.210 [56.13]	1.950 [49.53]
-50	2.729 [69.32]	2.450 [62.23]	2.670 [67.82]	2.710 [68.83]	2.450 [62.23]

PATENT NUMBER
8,727,815

SEAFP-XX-XX.X-X-XX-XX

No OF POSITIONS
-10, -20, -30, -40, -50
(PER ROW)

LEAD STYLE
-05.0: .197[5.00] HEIGHT
* -06.0: .237[6.02] HEIGHT
* -07.0: .276[7.01] HEIGHT

OPTION
* -LP: LATCH POST OPTION
(SEE FIG 5, SHT 3)
(ONLY AVAILABLE WITH -05.0
LEAD STYLE, 6, 8 & 10 ROWS)
* -PP: POLARIZATION PIN
(SEE FIG 6, SHT 3)
(ONLY AVAILABLE WITH -05.0
LEAD STYLE, 6, 8 & 10 ROWS)
-TR: TAPE & REEL

PLATING SPECIFICATION
-L: 10 u" SELECTIVE GOLD IN CONTACT
AREA, MATTE TIN ON TAIL
(USE C-365-XX-X-L)
-S: 30 u" SELECTIVE GOLD IN CONTACT
AREA, MATTE TIN ON TAIL
(USE C-365-XX-X-S)

ROW
-04: 4 ROWS (SEE FIG 4, SHT 2)
-06: 6 ROWS (SEE FIG 3, SHT 2)
* -08: 8 ROWS (SEE FIG 1)
* -10: 10 ROWS (SEE FIG 2, SHT 2)

* = NOT TOOLED

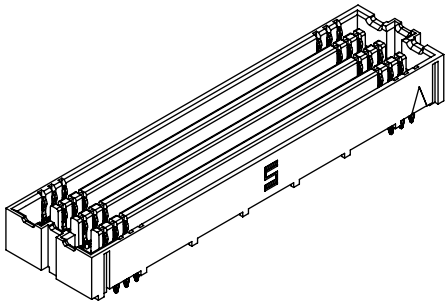
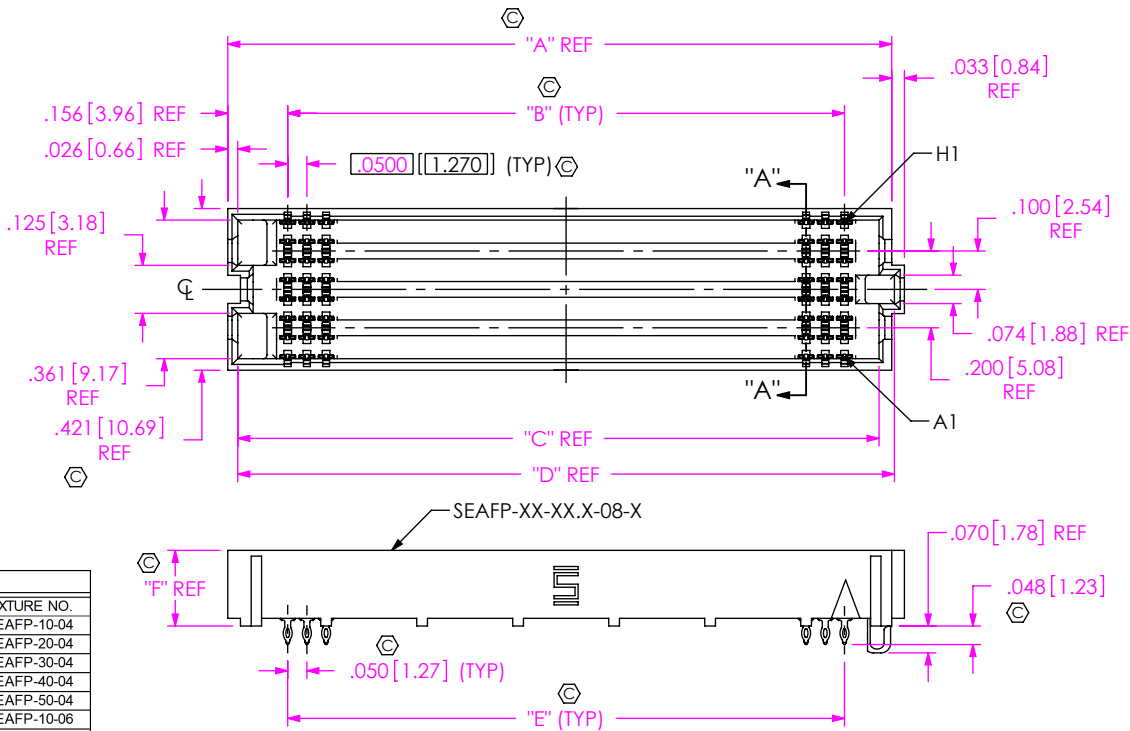
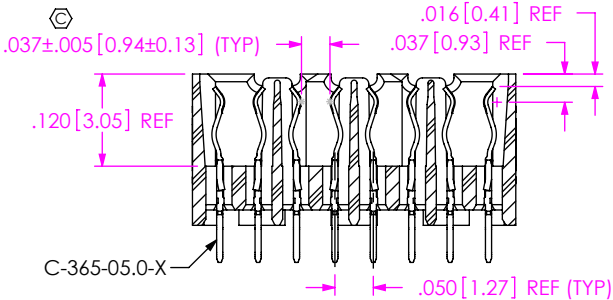


FIG 1
(SEAFP-30-05.0-X-08 SHOWN)
(ALL CONTACTS NOT SHOWN FOR CLARITY)
(NOT TOOLED)



SECTION "A"- "A"
SCALE 4 : 1

TABLE 5		
ROW	NO OF POS	CAT FIXTURE NO.
-04	-10	CAT-SEAFP-10-04
	-20	CAT-SEAFP-20-04
	-30	CAT-SEAFP-30-04
	-40	CAT-SEAFP-40-04
	-50	CAT-SEAFP-50-04
-06	-10	CAT-SEAFP-10-06
	-20	CAT-SEAFP-20-06
	-30	CAT-SEAFP-30-06
	-40	CAT-SEAFP-40-06
	-50	CAT-SEAFP-50-06

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. CONTACT SAMTEC FOR CONNECTOR PRESS FIT INSTRUCTIONS AND REQUIRED FIXTURES.
3. CONNECTOR BODY COLOR TO BE NATURAL(BEIGE).
4. MINIMUM PUSHOUT FORCE 0.5 LBS[2.22N] FOR CONTACTS AND GUIDE POSTS.
5. SCREWS (SAMTEC P/N MS-256-250-P-6L) FOR -LP OPTION WILL BE BULK PACKAGED AND SHIPPED WITH CONNECTORS, AFTER PART IS PRESSED TORQUE TO 2.5-3.5 IN*LB, MAXIMUM PCB THICKNESS IS .138[3.51] FOR SUPPLIED SCREWS.
6. APPLICATION TOOLING P/N CAT-SEAFP-XX-XX REQUIRED FOR TERMINATION, CONTACT IPG FOR FURTHER DETAILS (SEE TABLE 5).
7. ASSEMBLIES TO BE PACKAGED IN TRAYS.
8. SAMTEC RECOMMENDS THIS CONNECTOR NOT BE EXPOSED TO REFLOW TEMPERATURES. CONTACT SAMTEC INTERCONNECT PROCESSING GROUP FOR MORE INFORMATION.

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:
DECIMALS ANGLES
.XX: ±.01 [0.3]
.XXX: ±.005 [0.13]
.XXXX: ±.0020 [0.051]
2°

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
INSULATOR: HIGH TEMPERATURE NYLON, COLOR: NATURAL
CONTACT: BeCu ALLOY

F:\DWG\SW\Exisprod\Assembly\050\SEAFP-XX-XX.X-X-XX-XX-ASM.SLDDRW

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

DESCRIPTION:
SOCKET ARRAY ASSEMBLY WITH COMPLIANT TAILS
DWG. NO.
SEAFP-XX-XX.X-X-XX-XX
BY: DUKES Z 12/30/2010 SHEET 1 OF 3

PATENT NUMBER
8,727,815

FIG 2
(SAME AS FIG 1, EXCEPT AS SHOWN)
(SEAFP-30-05.0-XX-10 SHOWN)
(ALL CONTACTS NOT SHOWN FOR CLARITY)
(NOT TOOLED)

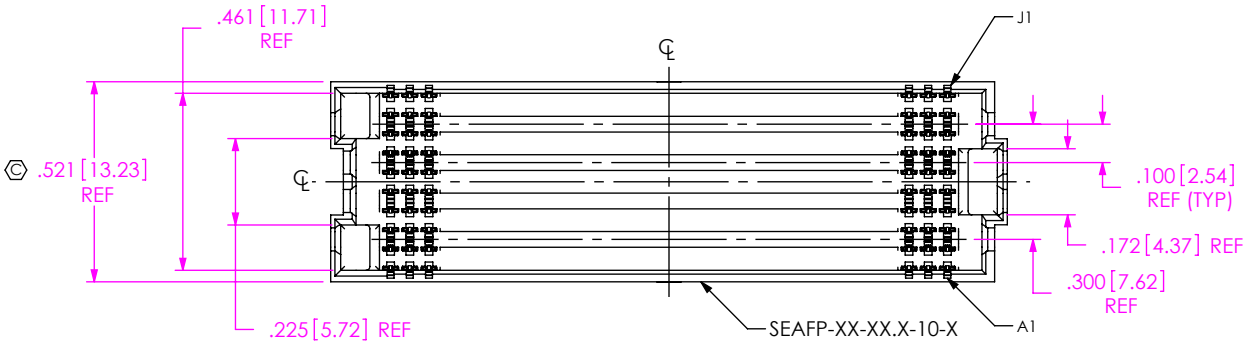


FIG 3
(SAME AS FIG 1, EXCEPT AS SHOWN)
(SEAFP-30-05.0-XX-06 SHOWN)
(ALL CONTACTS NOT SHOWN FOR CLARITY)

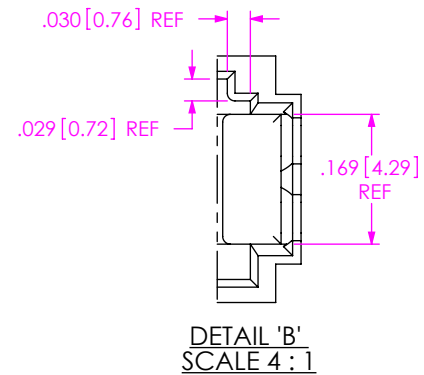
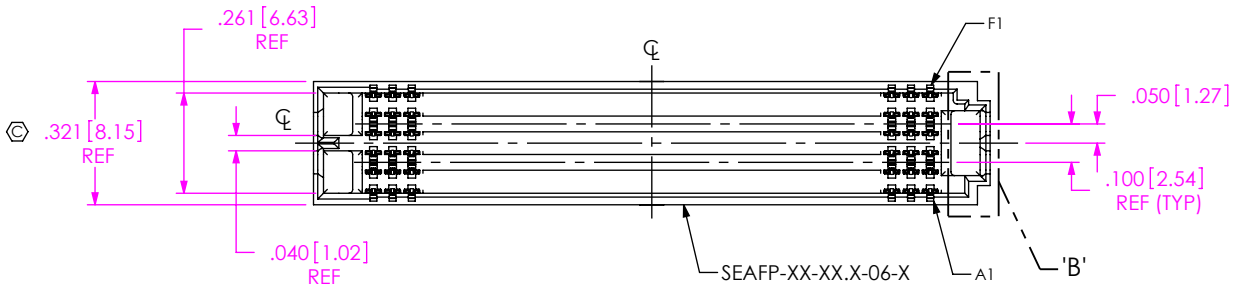
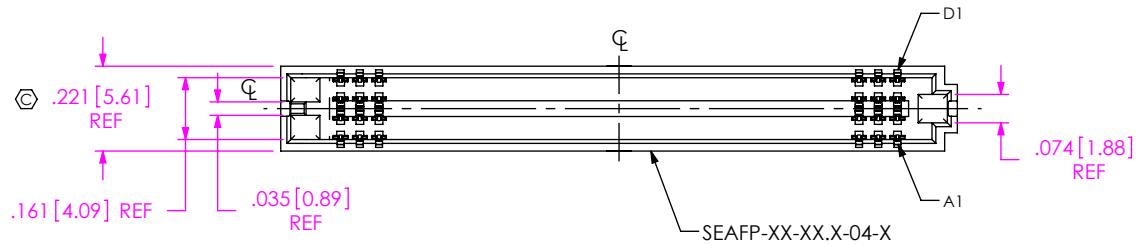


FIG 4
(SAME AS FIG 1, EXCEPT AS SHOWN)
(SEAFP-30-05.0-XX-04 SHOWN)
(ALL CONTACTS NOT SHOWN FOR CLARITY)



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	DESCRIPTION: SOCKET ARRAY ASSEMBLY WITH COMPLIANT TAILS	
	DWG. NO. SEAFP-XX-XX.X-X-XX-XX	
	BY: DUKES Z	12/30/2010

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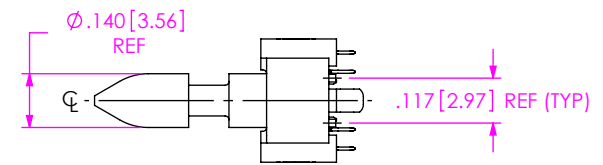
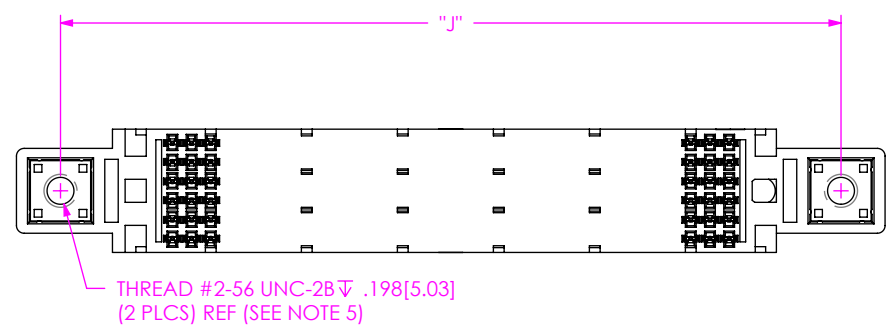
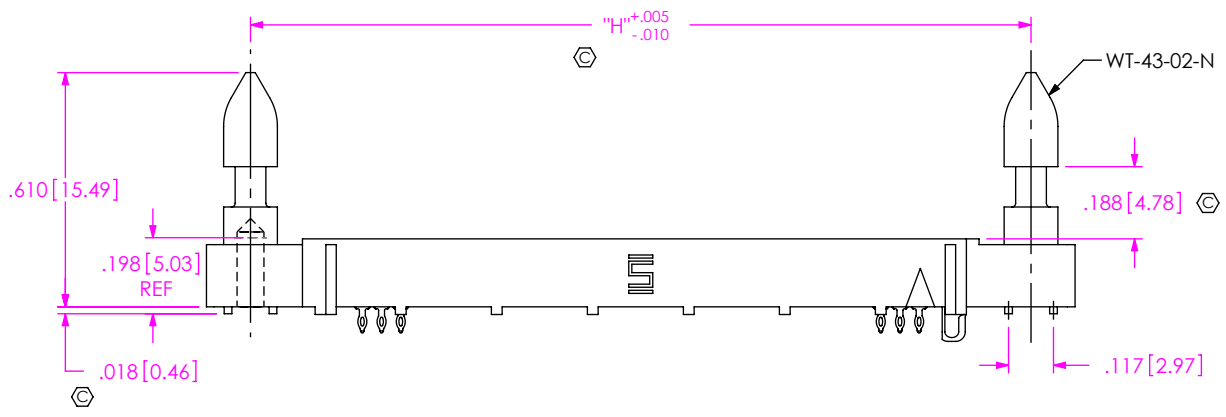
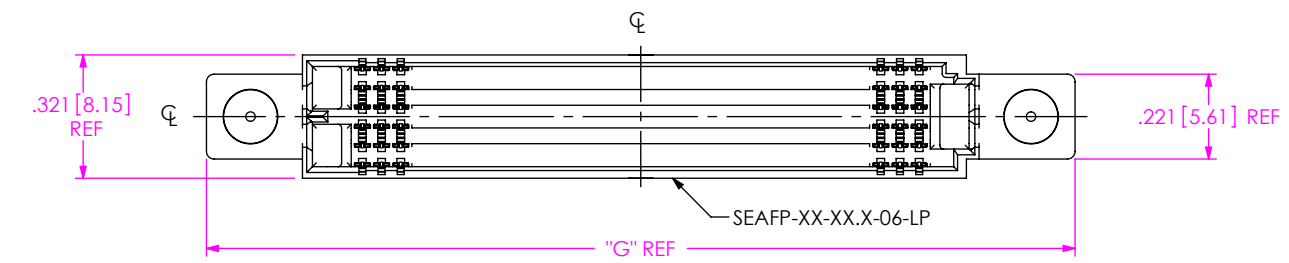
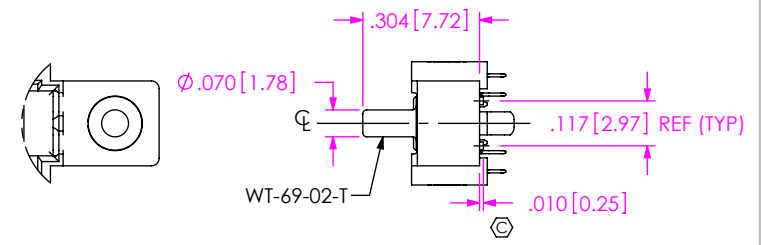


FIG 5
-LP OPTION
(SEAF-30-05.0-XX-06-LP SHOWN)
(ALL CONTACTS NOT SHOWN FOR CLARITY)
(SAME AS FIG 3 EXCEPT AS SHOWN)
(-LP OPTION REQUIRED FOR SEAC MATE ONLY)
(NOT TOOLED)

TABLE 4			
No OF POS	"G"	"H"	"J"
-10	1.262 [32.05]	1.033 [26.24]	1.03 [26.2]
-20	1.762 [44.75]	1.533 [38.94]	1.53 [38.9]
-30	2.262 [57.45]	2.033 [51.64]	2.03 [51.6]
-40	2.762 [70.15]	2.533 [64.34]	2.53 [64.3]
-50	3.262 [82.85]	3.033 [77.04]	3.03 [77.0]

FIG 6
-PP OPTION
(SEAF-30-05.0-XX-06-PP SHOWN)
(ALL CONTACTS, NOT SHOWN FOR CLARITY)
(SAME AS FIG 5 EXCEPT AS SHOWN)
(-PP OPTION VALID FOR SEAR MATE ONLY)
(NOT TOOLED)



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SHEET SCALE: 2:1



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DESCRIPTION:
SOCKET ARRAY ASSEMBLY WITH COMPLIANT TAILS

DWG. NO.
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BY: DUKES Z 12/30/2010 SHEET 3 OF 3