REVISION F

DESIGNED AND DIMENSIONED IN INCHES[MILLIMETERS]
ALL DIMENSIONS REFERENCE EXCEPT AS SHOWN

DO NOT SCALE FROM THIS PRINT

SEAFC-XX-X.X-X-XX-X-X-K-XR

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

LEAD STYLE
-5.0: .199[5.05] HEIGHT
* -6.0: .238[6.05] HEIGHT
-6.5: .258[6.55] HEIGHT
* -7.5: .297[7.54] HEIGHT
(SEE TABLE 1)

PLATING SPECIFICATION
-S: SELECTIVE GOLD (30µ") IN CONTACT AREA, MATTE TIN ON TAIL
-L: LIGHT GOLD (10µ") IN CONTACT AREA, MATTE TIN ON TAIL

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

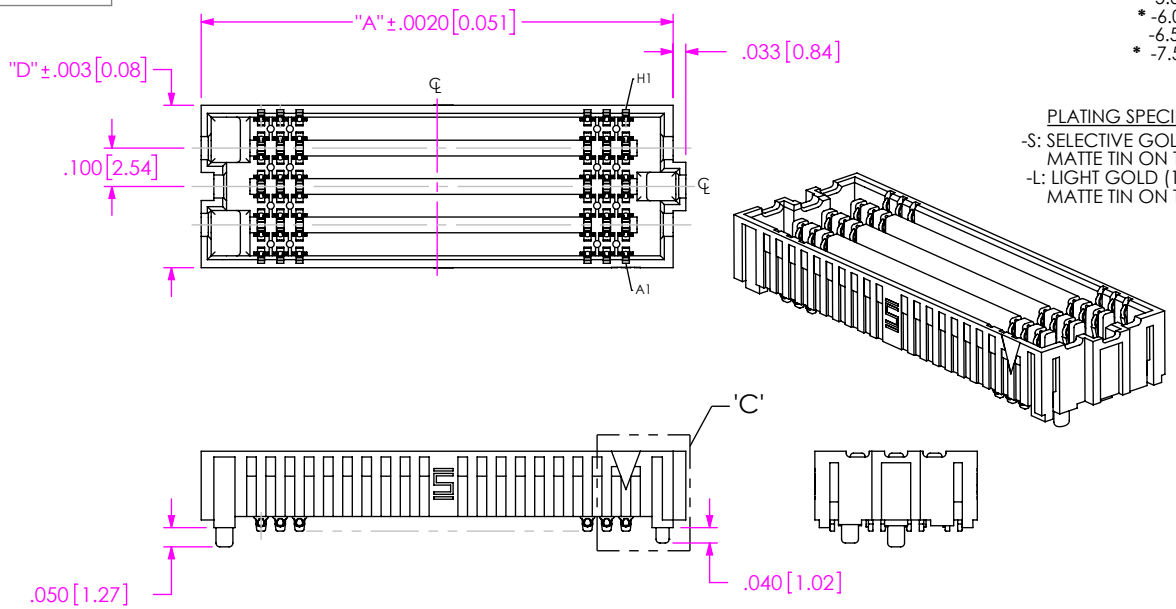
PACKAGING (SEE NOTES 3, 4 & 7)
-TR: TAPE & REEL
-FR: FULL REEL QTY. TAPE & REEL

K-DOT
(SEE FIG 3, SHT 2)

OPTION
-N: NO LATCH
** (LEAVE BLANK FOR LATCH POST)
(SEE SHT 3, FIG 4)
(ONLY AVAILABLE WITH -5.0 LEAD STYLE, -04, -06, -08 & -10 ROW)
-PP: POLARIZATION PIN (SEE SHT 3, FIG 5)
(ONLY AVAILABLE WITH -05.0 LEAD STYLE, 6, 8 & 10 ROWS)
(NOT AVAILABLE WITH N OPTION)

SOLDER COMPOSITION & STYLE
-1: 63% TIN / 37% LEAD **CHARGE TAIL**
-2: 95.5% TIN/3.8% SILVER/.7% COPPER **CHARGE TAIL**

* = NOT TOOLED
** = ONLY AVAILABLE WITH -5.0 LEAD STYLE, -04, -06, -08 & -10 ROW.



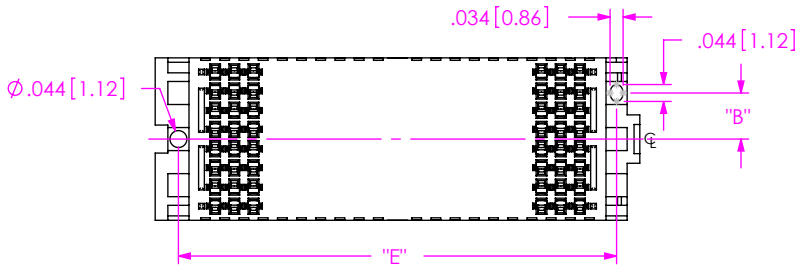
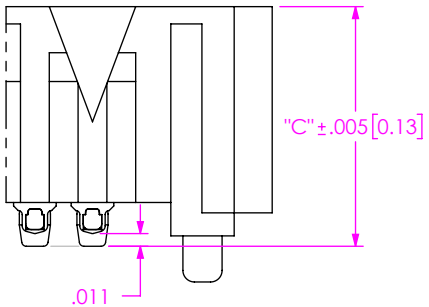


FIG 1
-08: 8 ROW
(SEAFC-20-5.0-X-08-1-N-K-XR SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)



DETAIL 'C'
SCALE 6 : 1

TABLE 2		
No OF ROWS	"B"	"D"
-04	.079 [2.01]	.223 [5.66]
-06	.120 [3.05]	.323 [8.20]
-08	.120 [3.05]	.423 [10.74]
-10	.120 [3.05]	.523 [13.28]

TABLE 1		
No. OF ROWS	LEAD STYLE	"C"
-04	-5.0	.213 [5.41]
	-6.0	.252 [6.40]
	-6.5	.272 [6.91]
	-7.5	.311 [7.90]
-06, -08, -10	-5.0	.208 [5.28]
	-6.0	.247 [6.27]
	-6.5	.267 [6.78]
	-7.5	.306 [7.77]

TABLE 3		
No OF POS.	"A"	"E"
-20	1.229 [31.22]	1.1410 [28.981]
-30	1.729 [43.92]	1.6410 [41.681]
-40	2.229 [56.62]	2.1410 [54.381]
-50	2.729 [69.32]	2.6410 [67.081]

NOTES:

1. NOTE DELETED.
2. A-PINS PROVIDED AS STANDARD.
3. TAPE & REEL IS STANDARD PACKAGING.
4. ATTACH LABEL -4x2 TO EACH REEL.
5. SOLDER CHARGE VOLUME .00000891 CUBIC INCHES (REF).
6. NON-FUNCTIONAL VOIDING IN PLASTIC BODY TO BE AT SAMTEC'S DISCRETION.
7. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM

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DO NOT SCALE DRAWING
MATERIAL: INSULATOR: LCP, COLOR: BLACK
CONTACT OR TERMINAL:
SHIELD: PHOS BRONZE
SHEET SCALE: 2:1

samtec
520 PARK EAST BLVD, NEW ALBANY, IN 47150
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DESCRIPTION:
.050 PITCH SOCKET ARRAY ASSEMBLY

DWG. NO.
SEAFC-XX-X.X-X-XX-X-X-K-XR

BY: JERRY SU 04/12/2019 SHEET 1 OF 3

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REVISION F

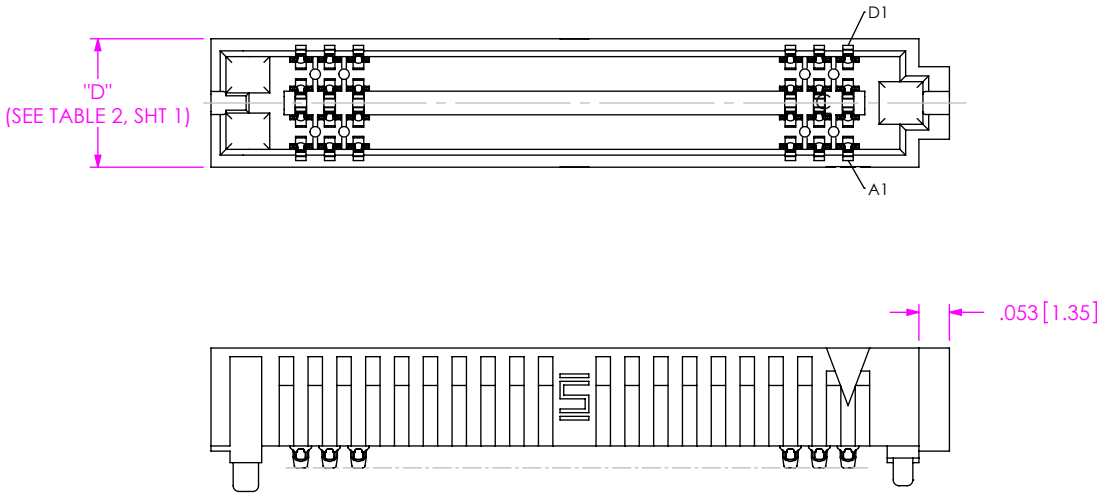


FIG 2
-04: 4 ROW
(SEAFC-20-5.0-X-04-1-N-K-XR SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(SOME CENTER FEATURES REMOVED FOR CLARITY)

TABLE 4

ROWS	"G"	"H"				"J"	
		20 POS	30 POS	40 POS	50 POS		
-04	.256 [6.50]	.504 [12.79]	.754 [19.14]	1.004 [25.49]	1.254 [31.84]	.017	[.43]
-06	.256 [6.50]	.504 [12.79]	.754 [19.14]	1.004 [25.49]	1.254 [31.84]	.034	[.86]
-08	.325 [8.25]	.469 [11.92]	.719 [18.27]	.969 [24.62]	1.219 [30.97]	.049	[1.24]
-10	.404 [10.25]	.430 [10.92]	.680 [17.27]	.930 [23.62]	1.180 [29.97]	.060	[1.52]

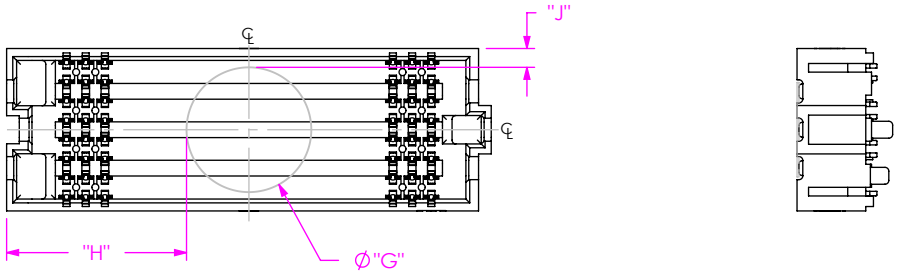
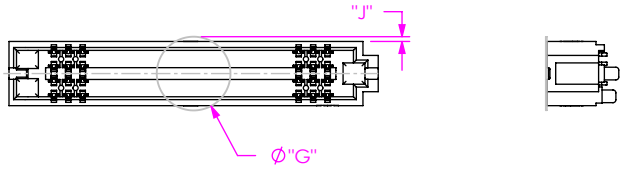


FIG 3
K-DOT
(SEAFC-20-5.0-X-08-1-N-K-XR SHOWN)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(SOME CENTER FEATURES REMOVED FOR CLARITY)



-04 ROW ONLY
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 3)

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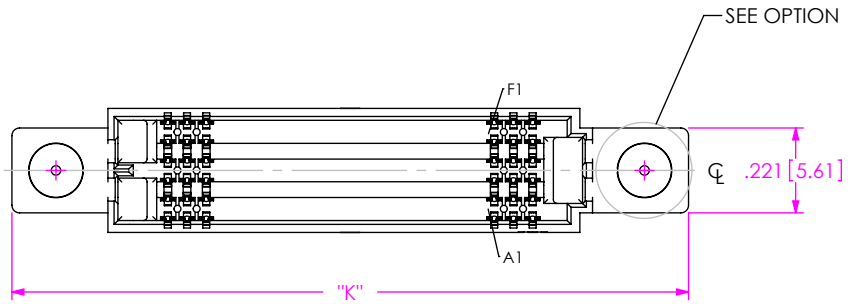
DESCRIPTION:
.050 PITCH SOCKET ARRAY ASSEMBLY

DWG. NO.
SEAFC-XX-X.X-X-XX-X-X-K-XR

BY: JERRY SU 04/12/2019 SHEET 2 OF 3

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REVISION F



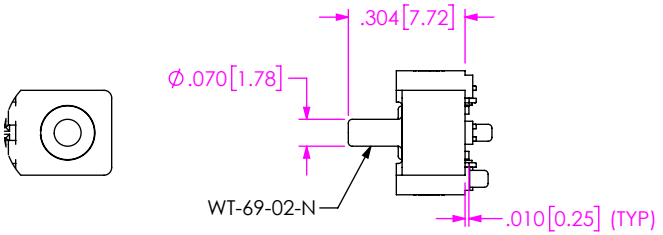


FIG 5
-PP OPTION
(SEAFC-20-5.0-X-06-1-PP-K-XR SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)
(SAME AS FIG 4 EXCEPT AS SHOWN)
(-PP OPTION VALID FOR SEAR MATE ONLY)
(ONLY AVAILABLE WITH -05.0 LEAD STYLE 6, 8 & 10 ROW)

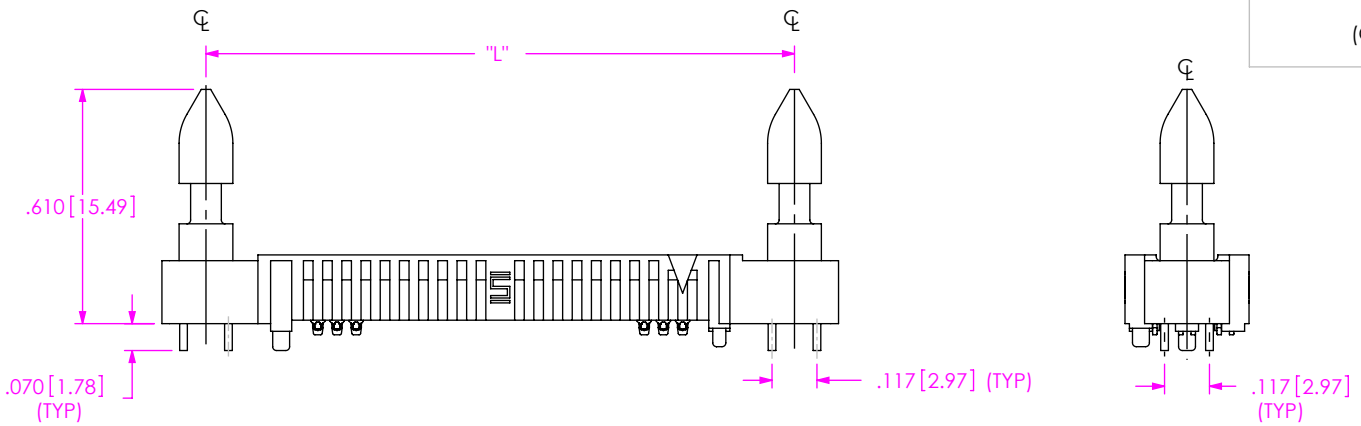


FIG 4
LATCH POST OPTION
(SEAFC-20-5.0-X-06-1-K-XR SHOWN)
(SOME CENTER FEATURES REMOVED FOR CLARITY)
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(LATCH POST OPTION REQUIRED FOR SEAC MATE ONLY)
(ONLY AVAILABLE WITH -5.0 LEAD STYLE -04, -06, -08 & -10 ROW)

TABLE 5		
No OF POS.	"K"	"L"
-20	1.762 [44.75]	1.533 [38.94]
-30	2.262 [57.45]	2.033 [51.64]
-40	2.762 [70.15]	2.533 [64.34]
-50	3.262 [82.85]	3.033 [77.04]

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DESCRIPTION:
.050 PITCH SOCKET ARRAY ASSEMBLY

DWG. NO.
SEAFC-XX-X.X-X-XX-X-X-K-XR

BY: JERRY SU 04/12/2019 SHEET 3 OF 3

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