

DESIGNED & DIMENSIONED  
IN MILLIMETERS[INCHES]

PATENT NUMBER  
7837522  
ADDITIONAL PATENTS  
PENDING

SEAM8-XX-SXX.X-X-XX-X-XX

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

LEAD STYLE  
-S02.0= 2.0mm  
-S05.0= 5.0mm

PLATING  
SPECIFICATION  
-S: .000030" SELECTIVE GOLD  
IN CONTACT AREA,  
MATTE TIN ON TAIL

OPTIONS

-K = POLYIMIDE PAD (SEE SHT. 4, FIG. 3)  
\*\*-GP= GUIDE POST (SEE SHT 3, FIG 2)  
(ONLY AVAIL. ON -S02.0 LEADSTYLE)  
(FOR MATING WITH SEAF8-...-RA-GP ONLY)

SOLDER COMPOSITION & STYLE

\*-1: 63.0% TIN / 37.0% LEAD  
CHARGE TAIL  
-2: 95.5% TIN / 3.8% SILVER/  
0.7% COPPER CHARGE TAIL

(\* = NOT TOOLED)  
(\*\* = NOT ENGINEERING APPROVED)

ROW  
-04: 4 ROWS  
-06: 6 ROWS  
\*\*-08: 8 ROWS  
\*\*-10: 10 ROWS

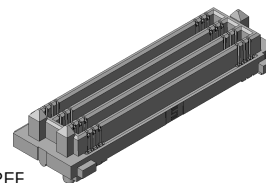
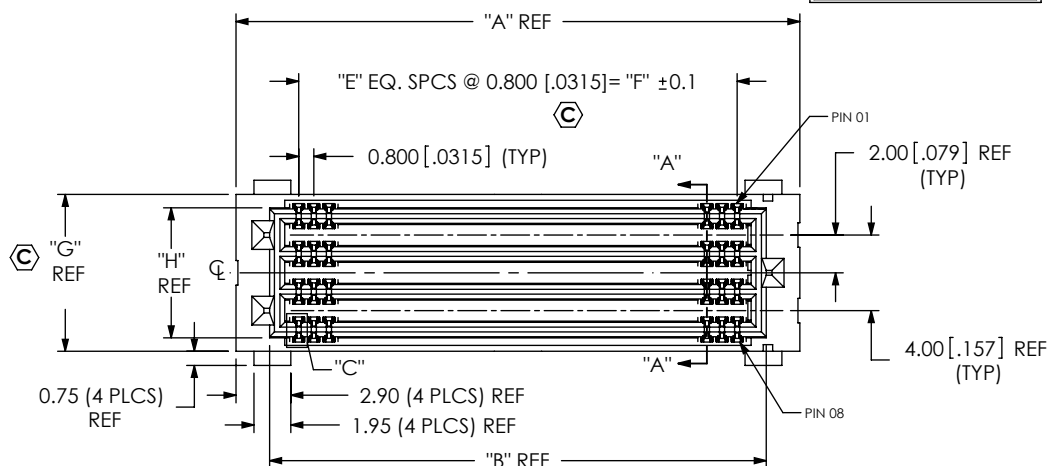


TABLE 4			
-No. OF ROWS	"G"	"H"	"J"
-04	4.30 [0.169]	2.88 [0.113]	1.25 [0.049]
-06	6.30 [0.248]	4.88 [0.192]	2.25 [0.089]
**08	8.30 [0.327]	6.88 [0.271]	2.25 [0.089]
**10	10.30 [0.406]	8.88 [0.350]	2.25 [0.089]

(\*\* = NOT ENGINEERING APPROVED)

TABLE 1 STACK HEIGHT		
SEAF8 LEAD STYLE	SEAM8 LEAD STYLE	
	-S02.0	-S05.0
-05.0 [0.197]	7.0 [0.276]	10.0 [0.394]

TABLE 5		
-LEAD STYLE	"L"	"M"
	-S02.0	-S05.0
-S02.0	4.54 [0.179]	2.33 [0.092]
-S05.0	7.54 [0.297]	5.33 [0.210]

TABLE 2		
SEAM8 ASSY	BODY CALLOUT	TERMINAL SUB ASSY
SEAM8-XX-S02.0-X-XX-X-XX	SEAM8-XX-S02.0-XX-X	SUB-T-1M71-02.0-X-X
SEAM8-XX-S05.0-X-XX-X-XX	SEAM8-XX-S05.0-XX-X	SUB-T-1M71-05.0-X-X

TABLE 3						
No. OF POS. PER ROW	"A"	"B"	"C"	"D"	"E"	"F"
-10	13.84 [0.545]	10.28 [0.405]	7.20 [0.283]	10.56 [0.416]	9	7.200 [0.2835]
-20	21.84 [0.860]	18.28 [0.720]	15.20 [0.598]	18.56 [0.731]	19	15.200 [0.5984]
-30	29.84 [1.175]	26.28 [1.035]	23.20 [0.913]	26.56 [1.046]	29	23.200 [0.9134]
-40	37.84 [1.490]	34.28 [1.350]	31.20 [1.228]	34.56 [1.361]	39	31.200 [1.2283]
-50	45.84 [1.805]	42.28 [1.665]	39.20 [1.543]	42.56 [1.676]	49	39.200 [1.5433]

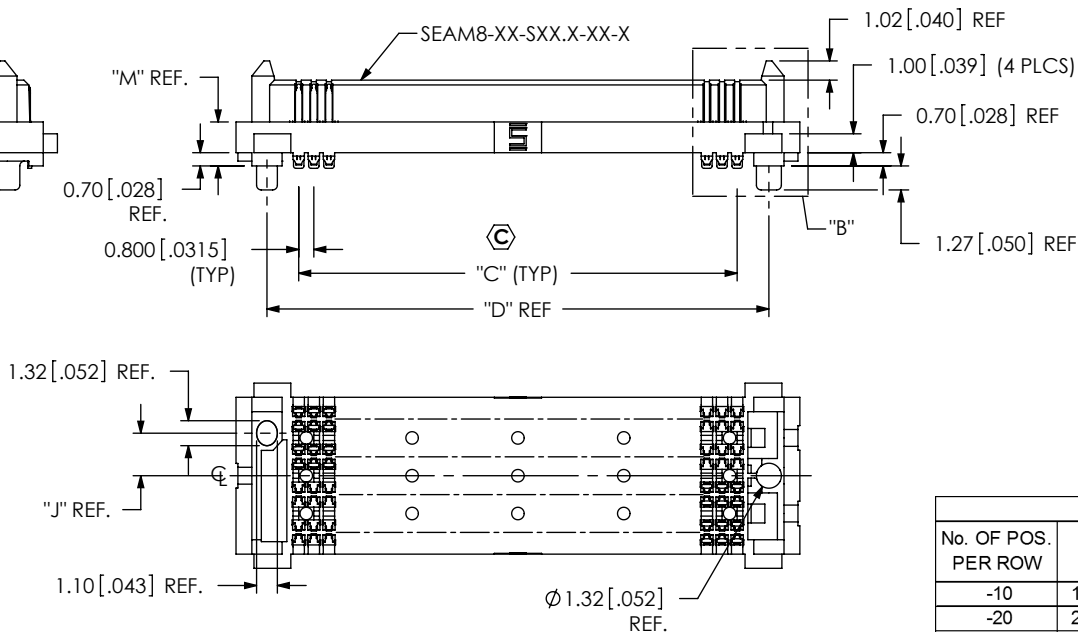


FIG 1  
(SEAM8-30-S02.0-X-08-X-XX SHOWN)  
(SOME CENTER FEATURES REMOVED FOR CLARITY)  
(\*\* = NOT ENGINEERING APPROVED)

NOTES:

1. (C) REPRESENTS A CRITICAL DIMENSION.
2. PUSH OUT FORCE 1.6N [.36 LBS.]
3. DIMENSION TO BE MEASURED IN ALL FOUR CORNERS TO THE STAND-OFFS.
4. TAPE & REEL IS STANDARD PACKAGING.
5. FOR QUANTITIES UP TO 49 PCS., NO LEADER, TRAILER OR REEL WILL BE SUPPLIED, SPLICES MAY BE PRESENT.
6. DELETED NOTE
7. ATTACH LABEL "SEAX-0001" TO EACH TAPE & REEL PACKAGE.
8. MAXIMUM ROW TO ROW VARIATION 0.08 [.003], MEASURED FIRST AND LAST POSITIONS ONLY, ALL ROWS.
9. MINIMUM GUIDE POST PUSH OUT FORCE: 4.0LBS [17.8N]
10. CENTER MACHINE LUGS ON -S02.0 -40 & -50 POSITIONS ONLY.

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN MILLIMETERS[INCHES].

TOLERANCES ARE:

DECIMALS ANGLES  
X.X: ±0.3 [.01] 2°  
X.XX: ±0.13 [.005]  
X.XXX: ±0.051 [.0020]

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MATERIAL: DO NOT SCALE DRAWING  
INSULATOR: LCP, COLOR: BLACK  
TERMINAL: COPPER ALLOY  
GUIDE POST: BRASS

SHEET SCALE: 2:1

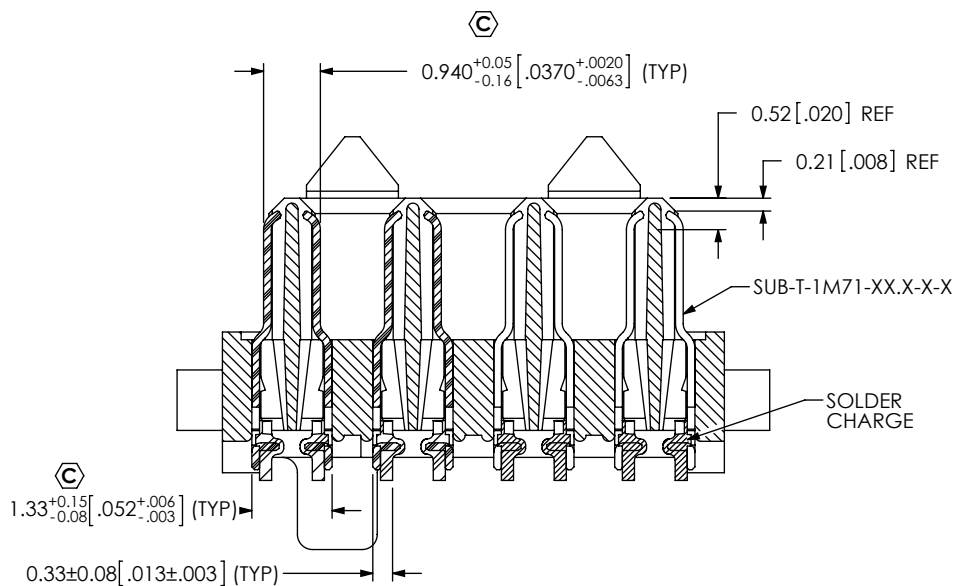
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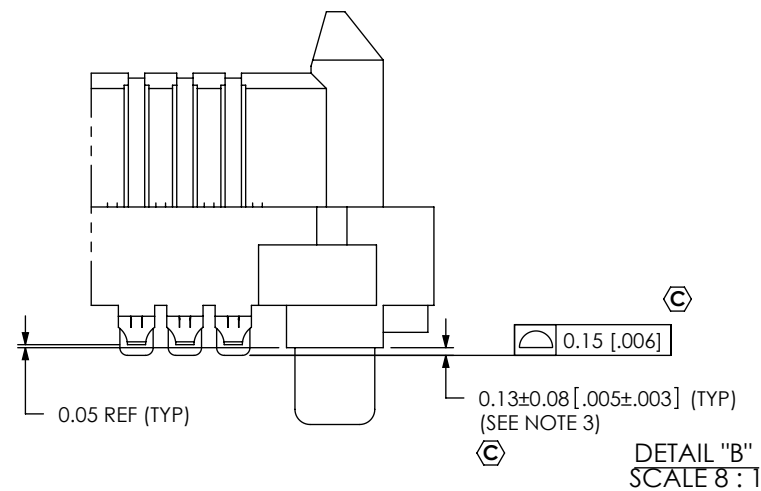
DESCRIPTION:  
0.8MM PITCH TERMINAL ARRAY ASSY

DWG. NO.  
SEAM8-XX-SXX.X-X-XX-X-XX

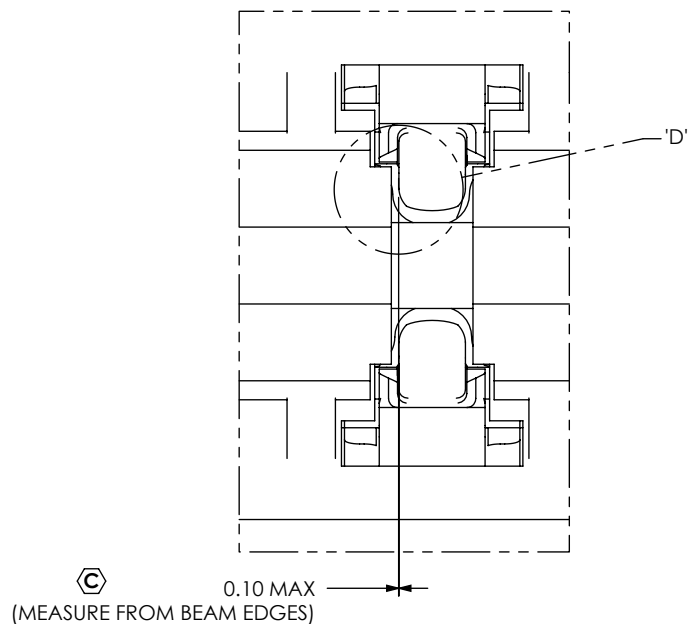
BY: KNOWLDEN 12/29/08 SHEET 1 OF 4



SECTION "A"-"A"  
SCALE 8:1  
(VIEW ROTATED 90°CW)

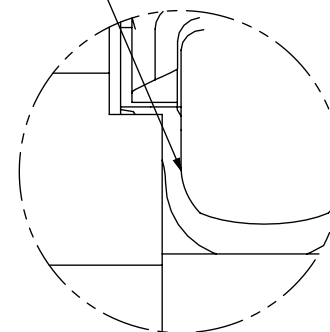


DETAIL "B"  
SCALE 8:1



DETAIL "C"  
SCALE 40:1

MEASUREMENTS TAKEN  
FROM BEAM EDGE



DETAIL "D"  
SCALE 100:1

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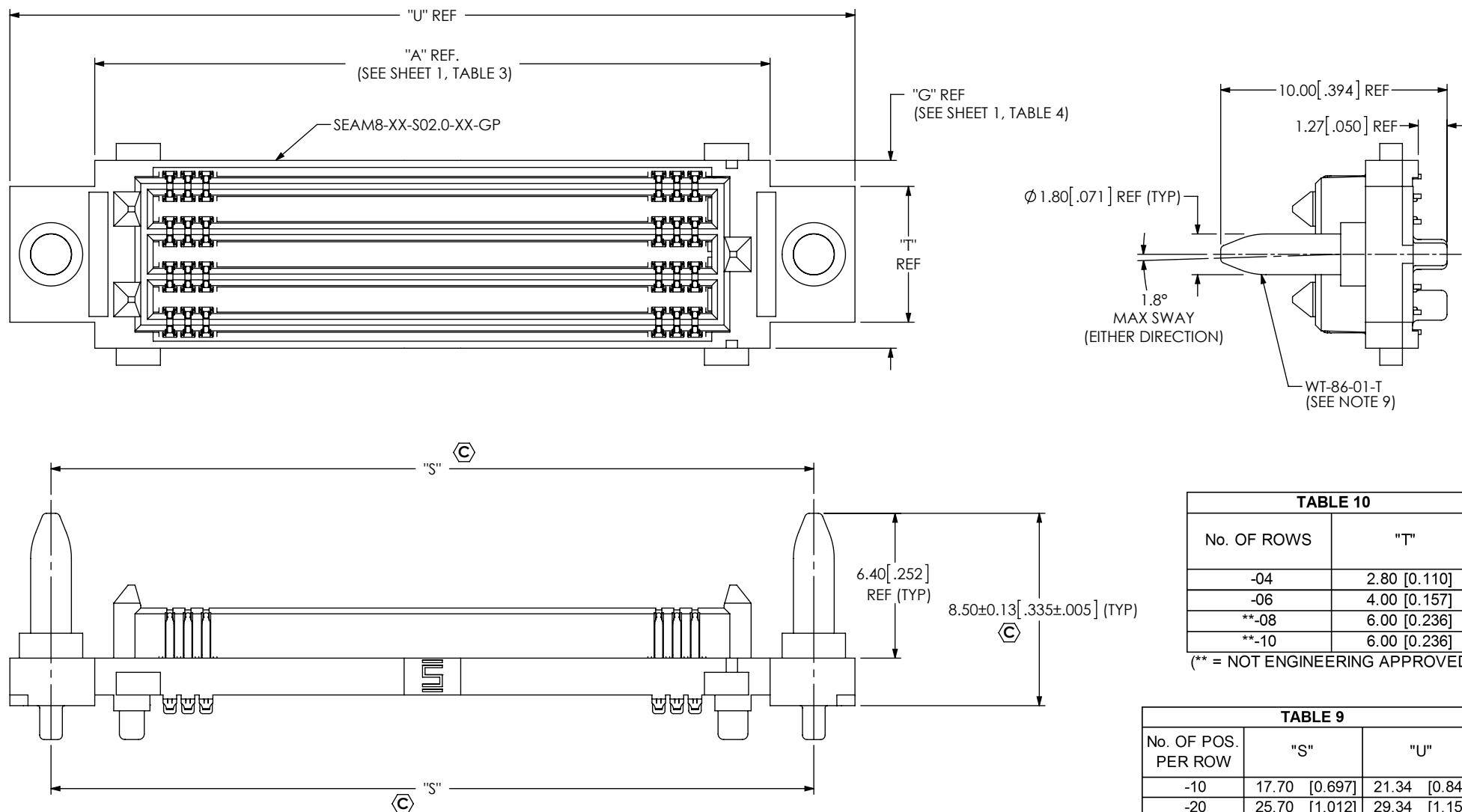


TABLE 10	
No. OF ROWS	"T"
-04	2.80 [0.110]
-06	4.00 [0.157]
**08	6.00 [0.236]
**10	6.00 [0.236]

(\*\* = NOT ENGINEERING APPROVED)

TABLE 9		
No. OF POS. PER ROW	"S"	"U"
-10	17.70 [0.697]	21.34 [0.840]
-20	25.70 [1.012]	29.34 [1.155]
-30	33.70 [1.327]	37.34 [1.470]
-40	41.70 [1.642]	45.34 [1.785]
-50	49.70 [1.957]	53.34 [2.100]

FIG 2  
-GP (GUIDE POST OPTION)  
(SEAM8-XX-S02.0-X-XX-X-GP SHOWN)  
(SOME CENTER FEATURES REMOVED FOR CLARITY)  
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0.8MM PITCH TERMINAL ARRAY ASSY

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SEAM8-XX-SXX.X-X-XX-X-XX

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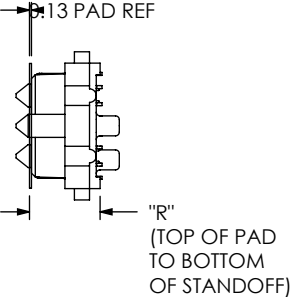
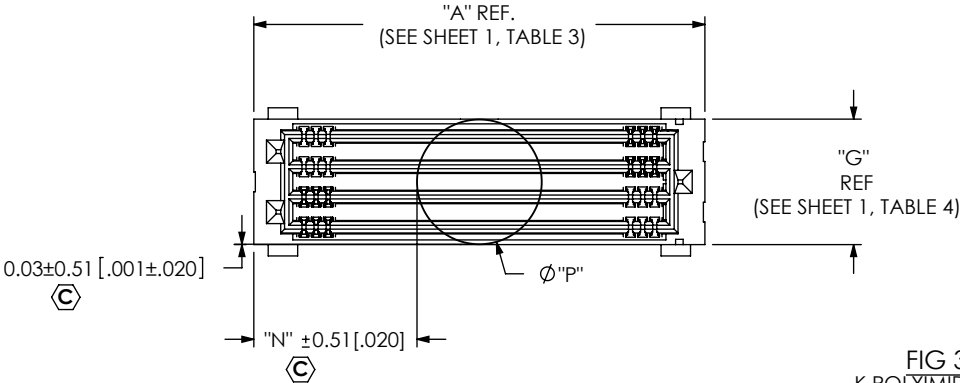


FIG 3  
-K POLYIMIDE PAD  
(SEAM8-XX-S02.0-X-XX-X-K SHOWN)  
(SOME CENTER FEATURES REMOVED FOR CLARITY)

TABLE 6						
-No. OF ROWS	$\phi "P"$	"N"				
		10 Pos.	20 Pos.	30 Pos.	-40 Pos.	-50 Pos.
-04	4.25 [0.167]	4.80 [0.189]	8.80 [0.346]	12.80 [0.504]	16.80 [0.661]	20.80 [0.819]
-06	6.25 [0.246]	3.80 [0.149]	7.80 [0.307]	11.80 [0.464]	15.80 [0.622]	19.80 [0.779]
** -08	8.25 [0.325]	2.80 [0.110]	6.80 [0.268]	10.80 [0.425]	14.80 [0.582]	18.80 [0.740]
** -10	10.26 [0.404]	1.79 [0.070]	5.79 [0.228]	9.79 [0.385]	13.79 [0.543]	17.79 [0.700]

(\*\* = NOT ENGINEERING APPROVED)

TABLE 7	
-LEAD STYLE	"R"
-S02.0	4.67 [0.184]
-S05.0	7.67 [0.302]

TABLE 8	
-No. OF ROWS	K-DOT #
-04	K-DOT-.167-.281-.005
-06	K-DOT-.246-.375-.005
** -08	K-DOT-.325-.450-.005
** -10	K-DOT-.404-.500-.005

(\*\* = NOT ENGINEERING APPROVED)

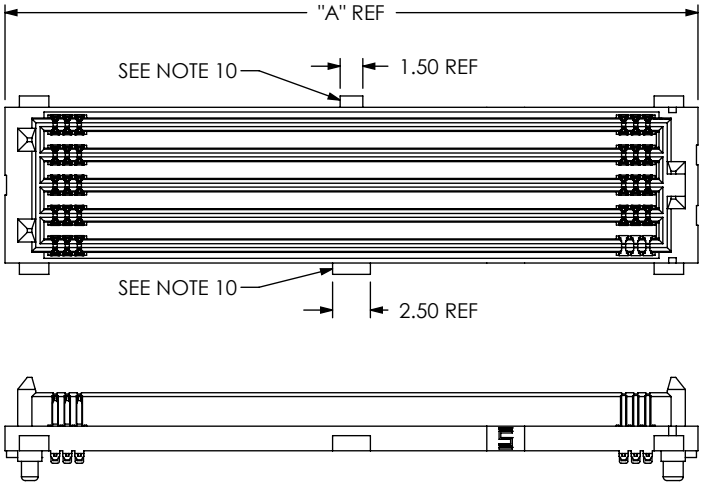



FIG 4  
(SEAM8-50-S02.0-X-T0-X-XX SHOWN)  
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	DWG. NO. SEAM8-XX-SXX.X-X-XX-X-XX
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