#### RECOMMENDED PCB LAYOUT FOR EBTF-4-XX-2.0-X-RA-X-X-X

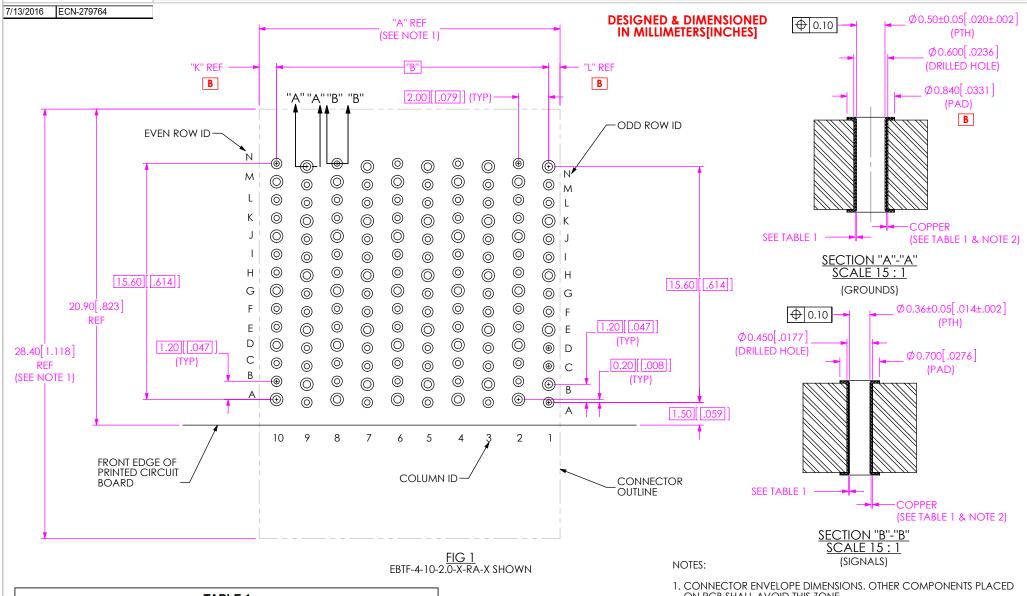


TABLE 1 Cu 0.025-0.050 [.0010-.0020] TIN (IMMERSION) Sn 0.001-0.002 [.00004-.00008]

- ON PCB SHALL AVOID THIS ZONE.
- 2. COPPER PLATING THICKNESS MAY NOT VARY BY MORE THAN 0.02[.001] WITHIN ANY VIA.
- 3. CONTACT SAMTEC FOR CONNECTOR PRESS FIT INSTRUCTIONS AND REQUIRED FIXTURES.

В

	TABLE 2									
	"A"	"A"		"C"	"C"	"K"	"K"	"L"	"  "	
COLUMNS	(THICK WALL)	(THIN WALL)	"B"	(THICK WALL)	(THIN WALL)	(THICK WALL)	(THIN WALL)	(THICK WALL)	(THIN WALL)	THI
	(STANDARD)	(IMIN WALL)		(STANDARD)	(IMIN WALL)	(STANDARD)	(IMIN WALL)	(STANDARD)	(IMIN WALL)	MA
-06	12.90 [0.508]	11.90 [0.469]	10.00 [0.394]	18.85 [0.742]	18.35 [0.722]	1.65 [0.065]	1.15 [0.045]	1.25 [0.049]	0.75 [0.030]	INC
-08	16.90 [0.665]	15.90 [0.626]	14.00 [0.551]	22.85 [0.900]	22.35 [0.880]	1.65 [0.065]	1.15 [0.045]	1.25 [0.049]	0.75 [0.030]	OR
-10	20.90 [0.823]	19.90 [0.783]	18.00 [0.709]	26.85 [1.057]	26.35 [1.037]	1.65 [0.065]	1.15 [0.045]	1.25 [0.049]	0.75 [0.030]	OTI

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## RECOMMENDED PCB LAYOUT FOR EBTF-4-XX-2.0-X-RA-X-X-X

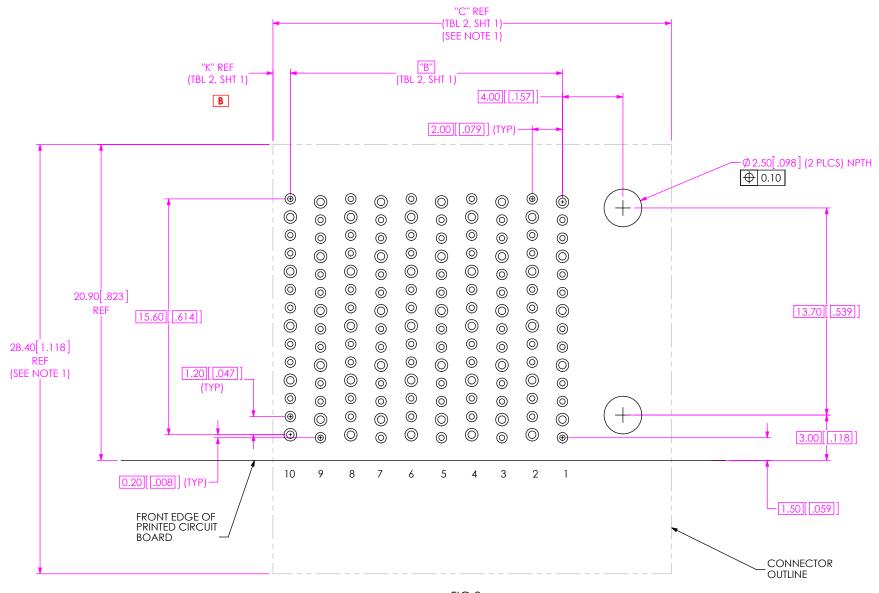


FIG 2

EBTF-4-10-2.0-X-RA-X-R-X SHOWN
(DIFFERENT AS SHOWN, OTHERWIS SAME AS FIG 1)
(NOT ENGINEERING APPROVED)

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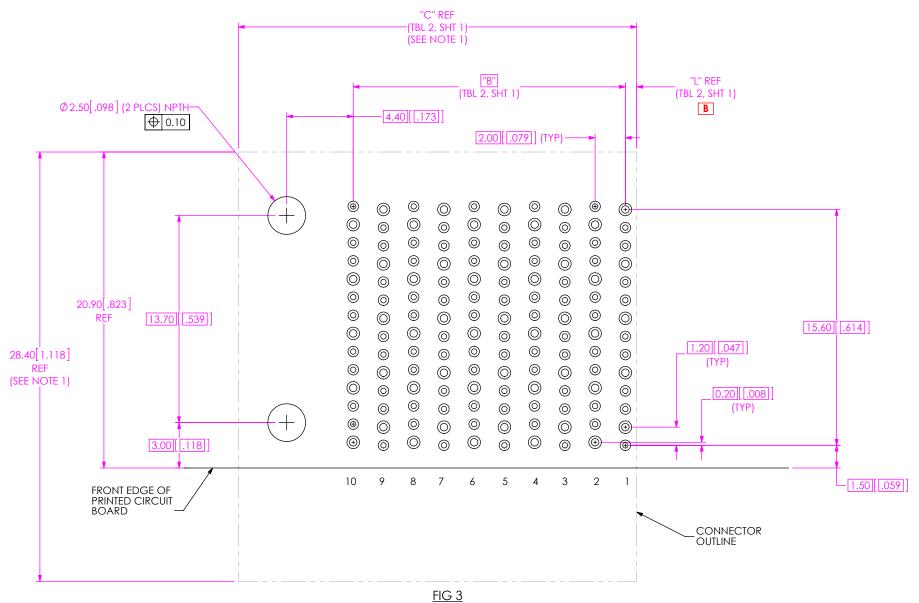
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### RECOMMENDED PCB LAYOUT FOR EBTF-4-XX-2.0-X-RA-X-X-X



EBTF-4-10-2.0-X-RA-X-L-X SHOWN
(DIFFERENT AS SHOWN, OTHERWIS SAME AS FIG 1)
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## RECOMMENDED PCB LAYOUT FOR EBTF-4-XX-2.0-X-RA-X-X-X

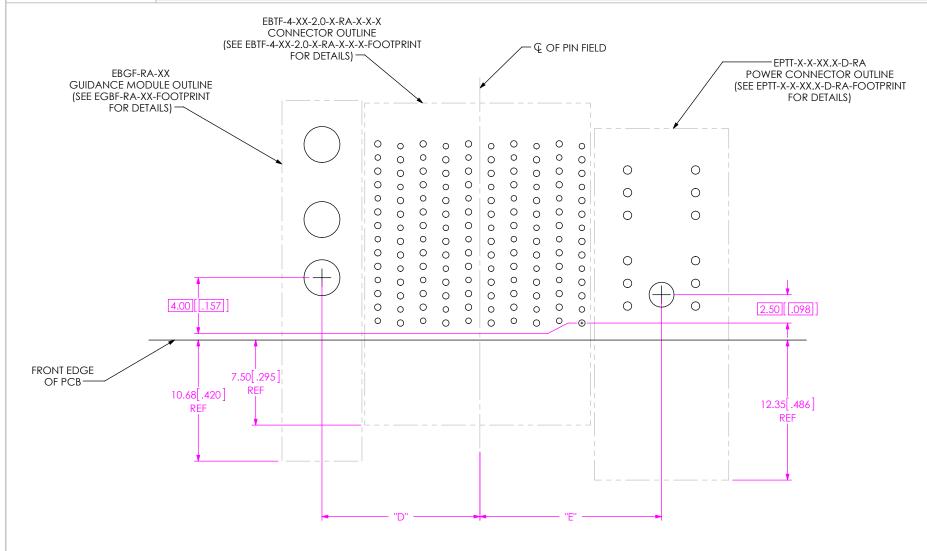


TABLE 3							
COLUMNS	MATING EBTM	"D"		"E"			
COLUMNS	WALL OPTION						
-06	BLANK	5.925	[0.233]	8.025	[0.316]		
-00	*-W	6.925	[0.273]	8.925	[0.351]		
-08	BLANK	9.925	[0.391]	12.025	[0.473]		
-08	*-W	10.925	[0.430]	12.925	[0.509]		
-10	BLANK	13.925	[0.548]	16.025	[0.631]		
-10	*-W	14.925	[0.588]	16.925	[0.666]		

FIG 4
SIGNAL, POWER AND GUIDANCE COMBO
EGBF-RA-XX-FOOTPRINT, EPTT-X-X-XX.X-D-RA-FOOTPRINT
AND EBTF-4-10-2.0-X-RA-X-X-X-FOOTPRINT SHOWN

(\*=NOT TOOLED)

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# RECOMMENDED PCB LAYOUT FOR EBTF-4-XX-2.0-X-RA-X-X-X

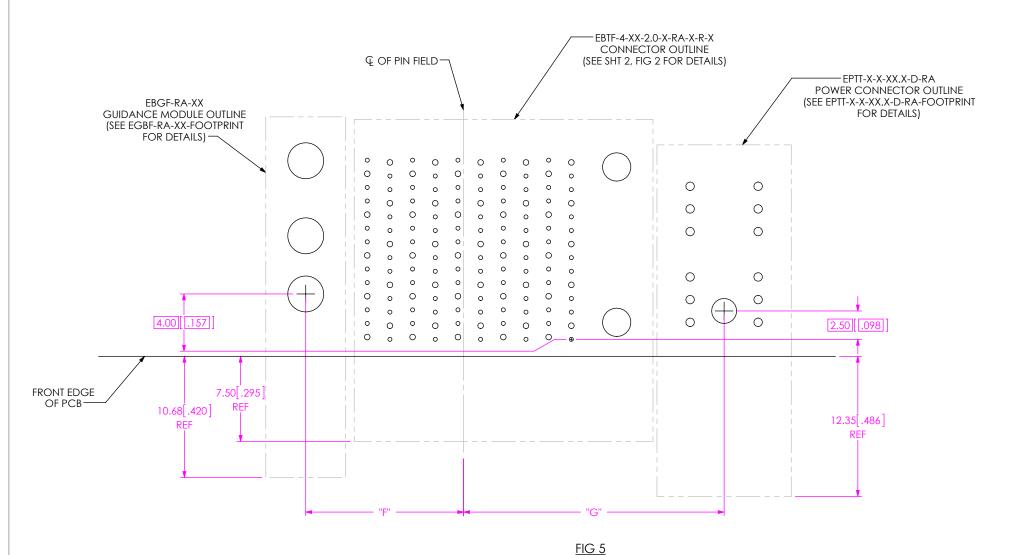


TABLE 4							
COLUMNS	MATING EBTM	"F"		"G"			
COLUMNS	WALL OPTION						
-06	BLANK	5.925	[0.233]	14.475	[0.570]		
-00	*-W	6.925	[0.273]	15.375	[0.605]		
-08	BLANK	9.925	[0.391]	18.475	[0.727]		
-00	*-W	10.925	[0.430]	19.375	[0.763]		
-10	BLANK	13.925	[0.548]	22.475	[0.885]		
-10	*-W	14.925	[0.588]	23.375	[0.920]		

SIGNAL, POWER, INTERNAL (-R) AND EXTERNAL GUIDANCE COMBO EGBF-RA-XX-FOOTPRINT, EPTT-X-X-XX.X-D-RA-FOOTPRINT AND \*EBTF-4-10-2.0-X-RA-X-R-X-FOOTPRINT SHOWN (\*=NOT ENGINEERING APPROVED)

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#### RECOMMENDED PCB LAYOUT FOR EBTF-4-XX-2.0-X-RA-X-X-X

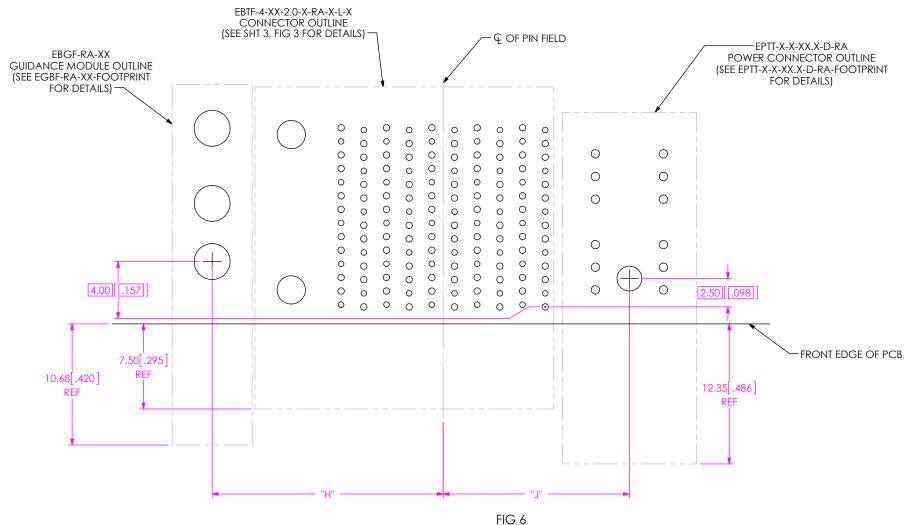


TABLE 5							
COLUMNS	MATING EBTM	"H"	",]"				
COLUMNS	WALL OPTION	П	J				
-06	BLANK	12.375 [0.487]	8.025 [0.316]				
-00	*-W	13.375 [0.527]	8.925 [0.351]				
-08	BLANK	16.375 [0.645]	12.025 [0.473]				
-00	*-W	17.375 [0.684]	12.925 [0.509]				
-10	BLANK	20.375 [0.802]	16.025 [0.631]				
-10	*-W	21.375 [0.842]	16.925 [0.666]				
(# NOT TOOLED)							

(\*=NOT TOOLED)

SIGNAL, POWER, INTERNAL (-L) AND EXTERNAL GUIDANCE COMBO EGBF-RA-XX-FOOTPRINT, EPTT-X-X-XX.X-D-RA-FOOTPRINT AND \*EBTF-4-10-2.0-X-RA-X-L-X-FOOTPRINT SHOWN (\*=NOT ENGINEERING APPROVED)

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