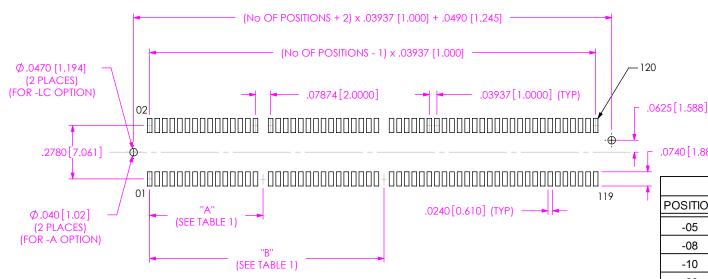
REVISION R ECN-300252

5/4/2017

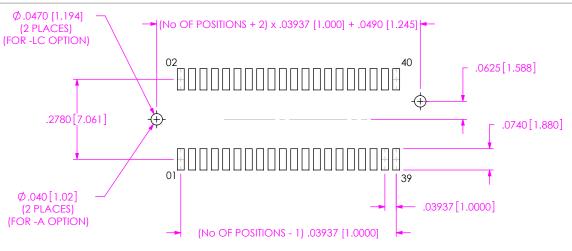
RECOMMENDED PCB LAYOUT FOR MEC1 SURFACE MOUNT



.0740 [1.880] (TYP)

TABLE 1						
POSITION "A"		"B"	POSITIONS POLARIZED			
-05	.039 [1.00]	N/A	3, 4			
-08	.079 [2.00]	N/A	5, 6			
-10	.236[6.00]	N/A	13,14			
-20	.276 [7.00]	N/A	15, 16			
-30	.394 [10.00]	N/A	21, 22			
-40	.591 [15.00]	N/A	31, 32			
-50	.787 [20.00]	N/A	41, 42			
-60	.591 [15.00]	1.220 [31.00]	31, 32, 63 & 64			
-70	1.024 [26.00]	2.244 [57.00]	53, 54, 115 & 116			

MEC1-160-XX-XX-D-XX SHOWN



NOTE: SAME AS ABOVE UNLESS OTHERWISE SPECIFIED.

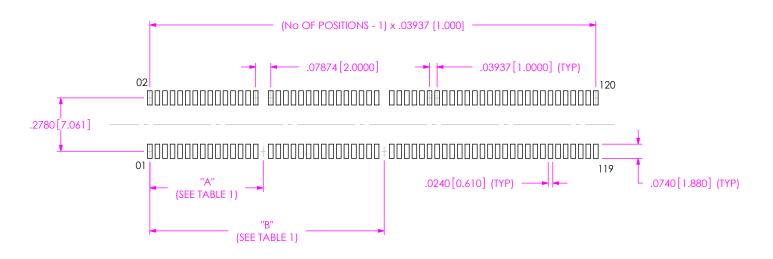
MEC1-120-XX-XX-D-NP-XX SHOWN -NP OPTION (ONLY AVAILABLE FOR POSITIONS -05, -08,-10, -20, -30)

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS **ANGLES** .XX: ±.01[.3] .XXX: ±.005[.13] 2 °

.XXXX: ±.0020[.051]

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PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail info@SAMTEC.com code 55322 code 55322 NOTE: STENCIL TO BE .0060[.152] THICK.



MEC1-160-XX-XX-D-XX SHOWN

TABLE 2						
POSITION	"A"	"B"	POSITIONS POLARIZED			
-05	.039 [1.00]	N/A	3, 4			
-08	.079 [2.00]	N/A	5, 6			
-10	.236[6.00]	N/A	13,14			
-20	.276 [7.00]	N/A	15, 16			
-30	.394 [10.00]	N/A	21, 22			
-40	.591 [15.00]	N/A	31, 32			
-50	.787 [20.00]	N/A	41, 42			
-60	.591 [15.00]	1.220 [31.00]	31, 32, 63 & 64			
-70	1.024 [26.00]	2.244 [57.00]	53, 54, 115 & 116			

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REVISION R

RECOMMENDED MATING CARD LAYOUT FOR MEC1 SURFACE MOUNT

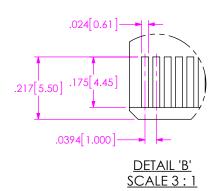
-1						
			Т	ABLE 3		
	POSITION	"D" (CARD SLOT 1)	"E"(CARD SLOT 2)	"F" R	"G"	POSITIONS POLARIZED
	-05	.094 [2.37]	N/A	.1575 [4.000]	.266 [6.75]	3, 4
	-08	.133 [3.37]	N/A	.2756 [7.000]	.384 [9.75]	5, 6
	-10	.290 [7.37]	N/A	.3543 [9.000]	.463 [11.76]	13,14
	-20	.330 [8.37]	N/A	.7480 [19.000]	.857 [21.76]	15, 16
	-30	.448 [11.37]	N/A	1.1417 [29.000]	1.251 [31.77]	21, 22
	-40	.645 [16.38]	N/A	1.5354 [39.000]	1.645 [41.78]	31, 32
	-50	.842 [21.37]	N/A	1.9291 [49.000]	2.039 [51.79]	41, 42
	-60	.645 [16.38]	1.275 [32.37]	2.3228 [59.000]	2.433 [61.79]	31, 32, 63 & 64
	-70	1.078 [27.37]	2.298 [58.37]	2.7165 [69.000]	2.827 [71.80]	53, 54, 115 & 116

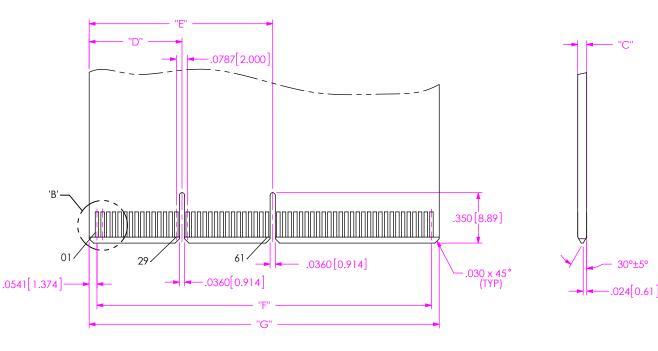
NOTES:

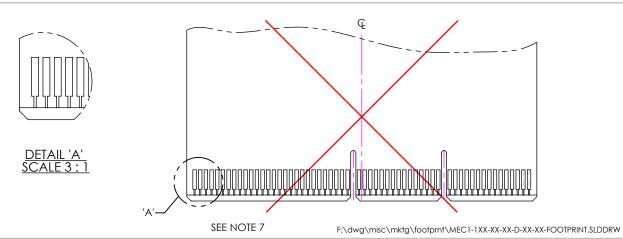
- -60 AND -70 ARE THE ONLY TWO CARDS THAT HAVE TWO SLOTS.
 MIRROR IMAGE FOOTPRINT ON THE OTHER SIDE OF PCB.
 FOR NON-POLARIZED OPTION, REPLACE SLOTS WITH TRACES.
 ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE.

- 5. PLATING TO BE .000030 INCHES GOLD WITH HARDNESS OF 130-200
- KNOOP PER ASTM B488 TYPE 2, GRADE C.
- 6. POSITIONS -05, -08, -20 & -30 ARE POLARIZED UNLESS OTHERWISE NOTED WITH OPTION -NP. 7. FOR PROPER CONTACT REGISTRATION, PLATING BUS TIES TO BE WIDTH OF THE EDGE FINGER.

TABLE 4				
CARD THICKNESS	"C"			
-01	.031 [0.79] ± .003 [0.08]			
-02	.062 [1.57] ± .006 [0.15]			







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SHEET 3 OF 3