REVISION U

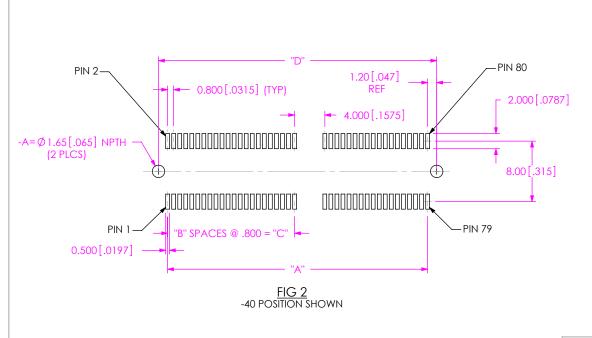
RECOMMENDED PCB LAYOUT FOR MEC8-1XX-D-RA

4/5/2018 ECN-323629

-A= \$\phi_{1.65}[.065] \text{ NPTH} \\ 0.800[.0315] \text{ (TYP)} \\ PIN 2 \\ -A= \$\phi_{1.65}[.065] \text{ NPTH} \\ 0.500[.0197] \\ -30 \text{ POSITION SHOWN}

DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

TABLE 1							
POSITIONS	"A"	"B"	"C"	"D"	"E"		
-10	7.200 [.2835]	N/A	N/A	9.600 [.3780]	N/A		
-20	15.200 [.5984]	N/A	N/A	17.600 [.6929]	N/A		
-30	23.200 [.9134]	N/A	N/A	25.600 [1.0079]	N/A		
-35	27.200 [1.0709]	N/A	N/A	29.600 [1.1654]	N/A		
-13	12.800 [.5039]	5	4.000[.1575]	15.200 [.5984]	25.350 [.9980]		
-25	22.400 [.8819]	5	4.000[.1575]	24.800 [.9764]	34.950 [1.3760]		
-37	32.000 [1.2598]	20	16.000[.6299]	34.400 [1.3543]	44.550 [1.7539]		
-40	34.400 [1.3543]	21	16.800[.6614]	36.800 [1.4488]	N/A		
-49	41.600 [1.6378]	26	20.800[.8189]	44.000 [1.7323]	54.150 [2.1319]		
-50	42.400 [1.6693]	26	20.800[.8189]	44.800 [1.7638]	N/A		



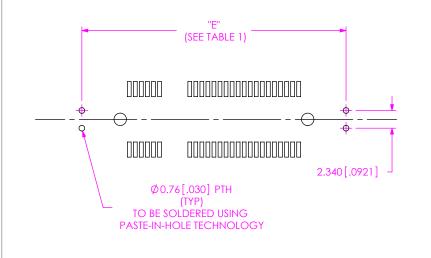


FIG 3

-25 POSITION SHOWN
(SAME AS FIG 2, EXCEPT AS SHOWN)
POSITIONS -13, -25, -37 & -49 ONLY
FOR -RL1 OPTION

NOTES:

1. MEASUREMENTS SYMMETRIC ABOUT CENTERLINE

UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE:

DECIMALS ANGLES
.X: ±0.3[.01] ±5°
.XX: ±0.10[.004]
.XXX: ±0.050[.0020]

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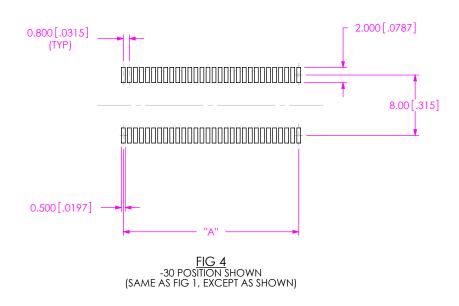
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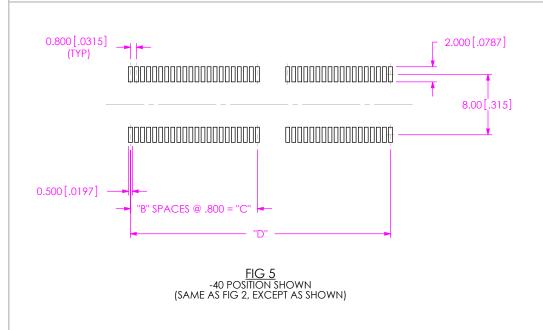
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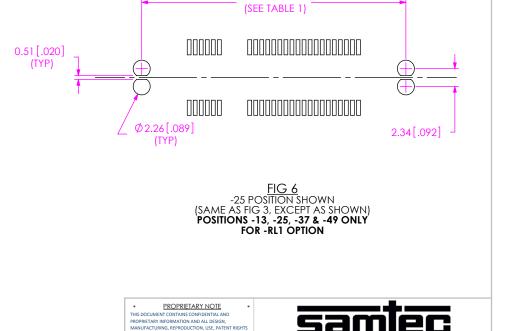
e-Mail info@SAMTEC.com

RECOMMENDED STENCIL FOR MEC8-1XX-D-RA

DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]







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NOTES:

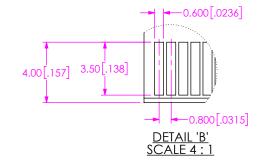
1. RECOMMENDED STENCIL THICKNESS IS TO BE .006 INCHES

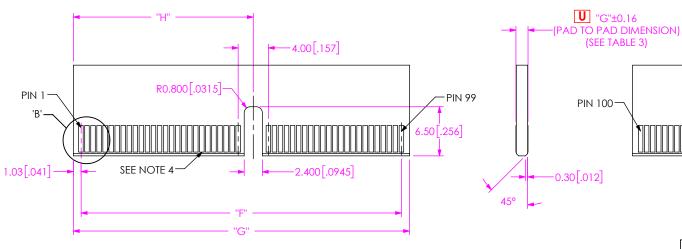
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MATING CARD LAYOUT FOR MEC8-1XX-D-RA

TABLE 3					
MEC8 LEAD STYLE	"G"				
-01	1.000[.0394] ± .100[.0039]				
-02	1.600[.0630] ± .160[.0063]				



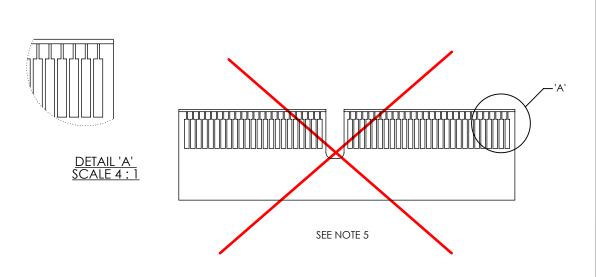




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FIG 7 -50 POSITION SHOWN

TABLE 2						
POSITION	"F"	"G"	"H"			
-10 7.200[.2834]		9.26[.365]	N/A			
-13	12.800[.5039]	14.86 [.585]	7.00[.276]			
-20	15.200[.5984]	17.26[.680]	N/A			
-25	22.400[.8819]	24.46[.963]	7.00[.276]			
-30	23.200[.9133]	25.26[.994]	N/A			
-35	27.200[1.0709]	29.26[1.152]	N/A			
-37	32.000[1.2598]	34.06[1.341]	19.00[.748]			
-40	34.400[1.3543]	36.46[1.435]	19.80[.780]			
-49	41.600[1.6378]	43.66[1.719]	23.80[.937]			
-50	42.400[1.6692]	44.46[1.750]	23.80[.937]			



- NOTE

 1. (©) REPRESENTS A CRITICAL DIMENSION.

 2. -10, -20, -30 & -35 CARDS HAVE NO SLOT.

 3. ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE.

 4. PLATING TO BE .000030 INCHES GOLD WITH HARDNESS OF 130-200 KNOOPS PER ASTM B 488 TYPE 2, GRADE C.
- 5. FOR PROPER CONTACT REGISTRATION, PLATING BUS TIE TO BE THE WIDTH OF THE EDGE FINGER.

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