

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## REVISION H

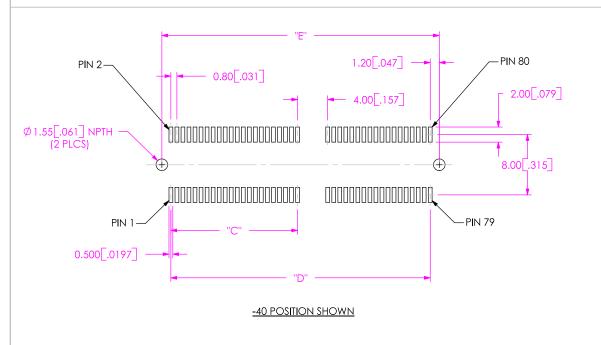
# RECOMMENDED PCB LAYOUT FOR MEC8-1XX-D-RA

DO NOT SCALE FROM THIS PRINT

# ## 0.80[.031] (TYP) | 1.20[.047] REF | PIN 60 | 2.00[.079] | PIN 1 | 0.500[.0197] | PIN 59 | PIN 59

# DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

TABLE 2			
POSITION "A"		"B"	
-10	7.20[.283]	9.60[.378]	
-20	15.20[.598]	17.60[.693]	
-30	23.20[.913]	25.60[1.008]	
-35	27.20[1.071]	29.60[1.165]	



-	"F"	-
		<b>♦</b> — <b>•</b>
Ø0.76[.030]		2.34[.092]
20	5 POSITION SHOWN	

-25 POSITION SHOWN
POSITIONS -13, -25, -37 & -49 ONLY
FOR -RL1 OPTION

TABLE 1				
POSITIONS	"C"	"D"	"E"	"F"
-13	4.00[.157]	12.80[.504]	15.20[.598]	25.35[.998]
-25	4.00[.157]	22.40[.882]	24.80[.976]	34.95[1.376]
-37	16.00[.630]	32.00[1.260]	34.40[1.354]	44.55[1.754]
-40	16.80[.661]	34.40[1.354]	36.80[1.449]	N/A
-49	20.80[.819]	41.60[1.638]	44.00[1.732]	54.15[2.132]
-50	20.80[.819]	42.40[1.669]	44.80[1.764]	N/A

TABLE 4

UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE:

DECIMALS .XX: ±0.3[.01] .XXX: ±0.10[.004] .XXXX: ±0.05[.0020]

## PROPRIETARY NOTE

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# F:\DWG\MBC\MKTG\FOOTPRNT\MEC8-1XX-D-RA-MKT.SLDDRW

520 PARK EAST BLVD, NEW ALBANY, IN 47150

\* PHONE: 812.944.6733 FAX: 812.948.5047

# RECOMMENDED STENCIL FOR MEC8-1XX-D-RA

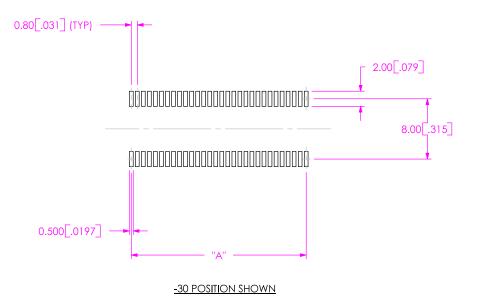
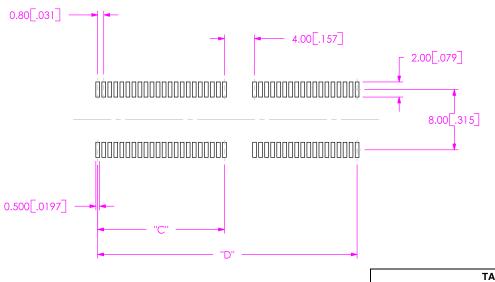
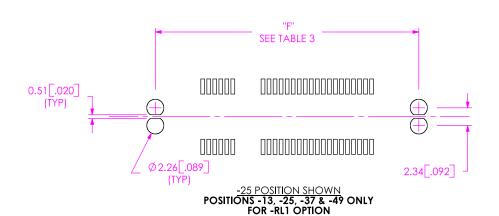


TABLE 4			
POSITION "A"			
-10	7.20[.283]		
-20	15.20[.598]		
-30	23.20[.913]		
-35	27.20[1.071]		

# DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]





-40 POSITION SHOWN

TABLE 3			
POSITIONS	"C"	"D"	"F"
-13	4.00[.157]	12.80[.504]	25.35[.998]
-25	4.00[.157]	22.40[.882]	34.95[1.376]
-37	16.00[.630]	32.00[1.260]	44.55[1.754]
-40	16.80[.661]	34.40[1.354]	N/A
-49	20.80[.819]	41.60[1.638]	54.15[2.132]
-50	20.80[.819]	42.40[1.669]	N/A

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e-Mail: INFO@SAMTEC.COM CODE: 55322

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

# **DESIGNED & DIMENSIONED** IN MILLIMETERS [INCHES]

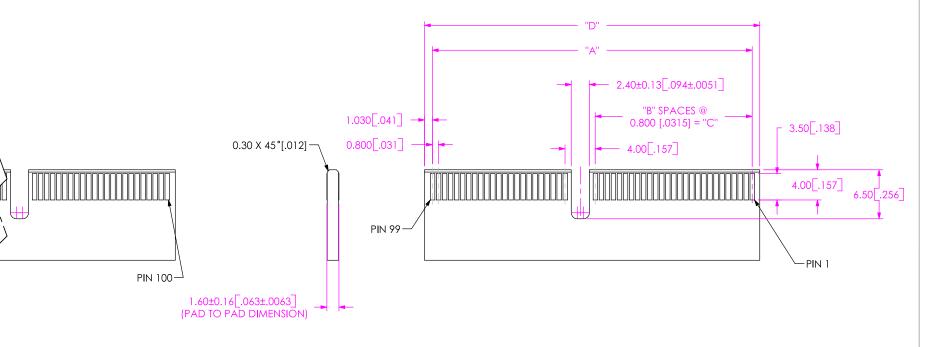


TABLE 5				
POSITION	A	В	С	D
-10	7.200[.2835]	N/A	N/A	9.26[.365]
-20	15.200[.5984]	N/A	N/A	17.26[.680]
-30	23.200[.9134]	N/A	N/A	25.26[.994]
-40	34.400[1.3543]	21	16.800[.661]	36.46[1.435]
-45	38.400[1.5118]	23	18.400[.724]	40.46[1.593]
-50	42.400[1.6693]	26	20.800[.8189]	44.46[1.750]
-60	50.400[1.9843]	31	24.800[.9764]	52.46[2.065]
-70	58.400[2.2992	36	28.800[1.1339]	60.46[2.380

- REPRESENTS A CRITICAL DIMENSION.
- 2. -10, -20 & -30 CARDS HAVE NO SLOT.
- 3. ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE. 4. PLATING TO BE .000030 INCHES GOLD WITH HARDNESS
- OF 120-200 KNOOPS.

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∠<sub>PIN 2</sub>