REVISION R	RECOMMENDED PCB LAYOUT FOR MEC8X-1XX-XX-XX-DV-XX
9/10/2015	ECN-258534

DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

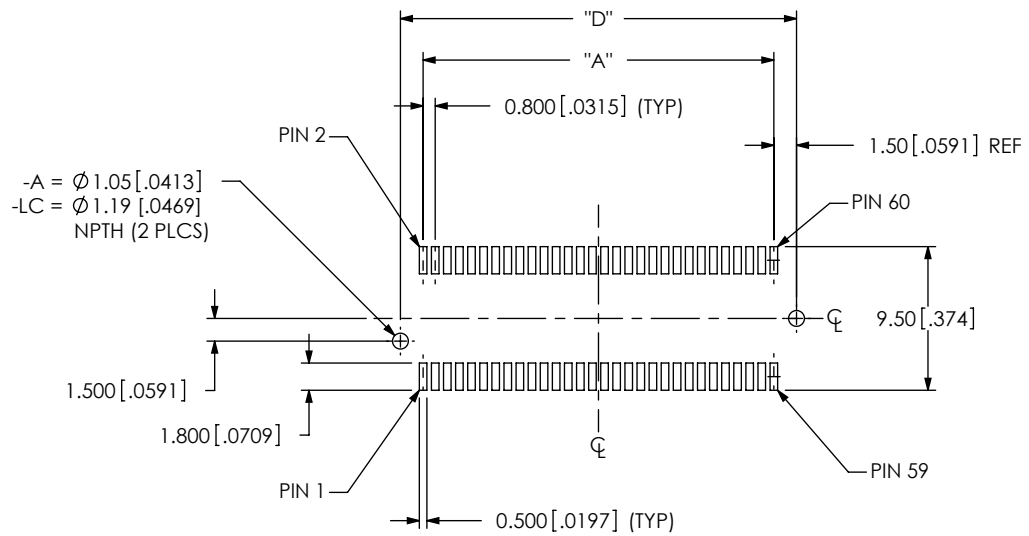


FIG 1
-30 POSITION SHOWN
(USE FOR 10, 20 & 30 POSITIONS)

TABLE 1				
POSITIONS	"A"	"B"	"C"	"D"
-10	7.200 [.2835]	N/A	N/A	10.200 [.4016]
-20	15.200 [.5984]	N/A	N/A	18.200 [.7165]
-30	23.200 [.9134]	N/A	N/A	26.200 [1.0315]
-35	27.200 [1.0709]	N/A	N/A	30.200 [1.1890]
-40	34.400 [1.3543]	21	16.80 [.661]	37.400 [1.4724]
-45	38.400 [1.5118]	23	18.40 [.724]	41.400 [1.6299]
-50	42.400 [1.6693]	26	20.80 [.819]	45.400 [1.7874]
-60	50.400 [1.9843]	31	24.80 [.976]	53.400 [2.1024]
-70	58.400 [2.2992]	36	28.80 [1.134]	61.400 [2.4173]

NOTES:

1. MEASUREMENTS SYMMETRIC ABOUT CENTERLINE

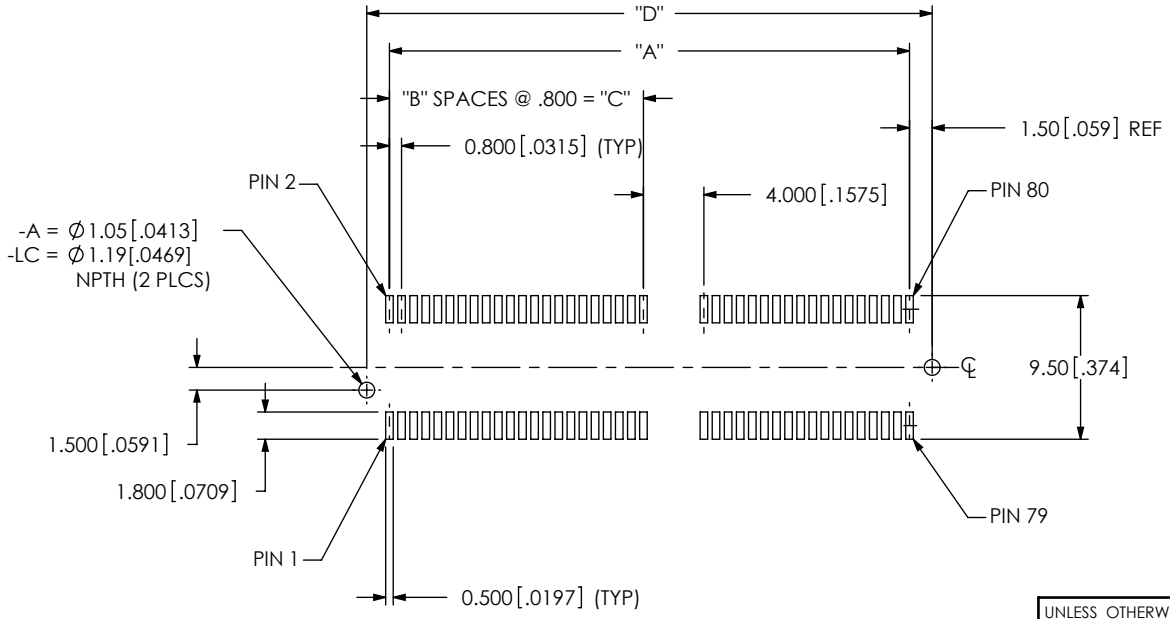


FIG 2
-40 POSITION SHOWN
(USE FOR 40 THRU 70 POSITIONS)

NOTES:

1. MEASUREMENTS SYMMETRIC ABOUT CENTERLINE

F:\dwg\misc\mktg\footprnt\MEC8-1XX-XX-XX-DV-XX-FOOTPRINT.SLDDRW

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

DECIMALS

.X: ±.3 [.01]
.XX: ±.10 [.004]
.XXX: ±.050 [.0020]

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

REVISION R

RECOMMENDED STENCIL LAYOUT FOR MEC8X-1XX-XX-XX-DV-XX

DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

NOTE:
STENCIL TO BE .006[.15] THICK

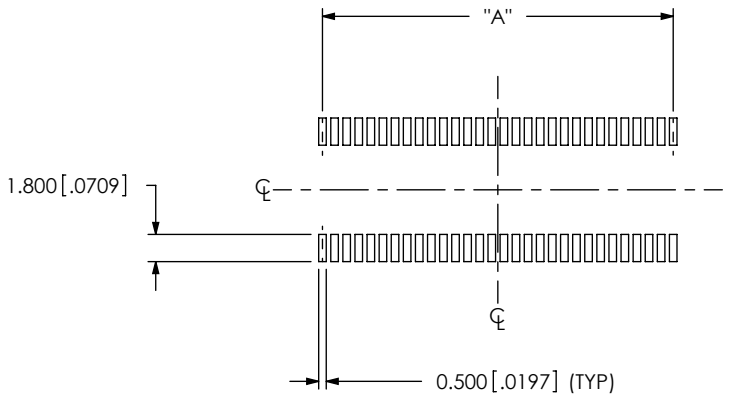


FIG 3
-30 POSITION SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)
(USE FOR 10, 20 & 30 POSITIONS)

NOTE:
STENCIL TO BE .006[.15] THICK

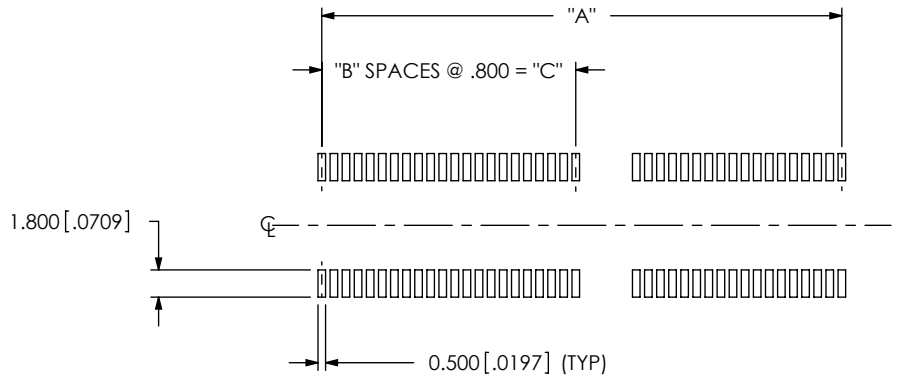


FIG 4
-40 POSITION SHOWN
(SAME AS FIG 2, EXCEPT AS SHOWN)
(USE FOR 40 THRU 70 POSITIONS)

F:\dwg\misc\mktg\footprnt\MEC8-1XX-XX-XX-DV-XX-FOOTPRINT.SLDDRW

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.

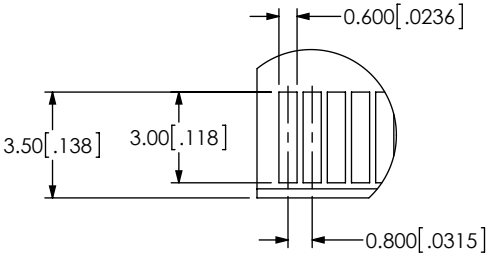
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

REVISION R

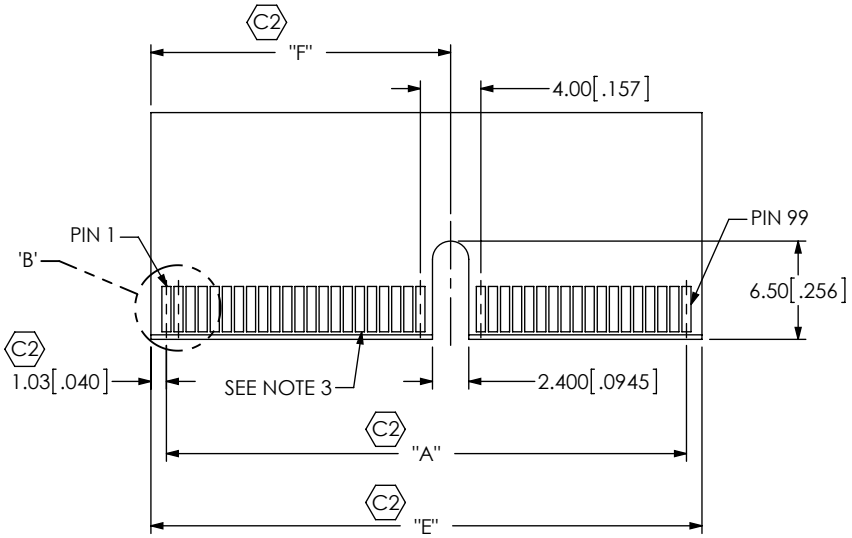
RECOMMENDED MATING CARD LAYOUT FOR MEC8X-1XX-XX-XX-DV-XX

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

DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]



DETAIL 'B'
SCALE 4 : 1



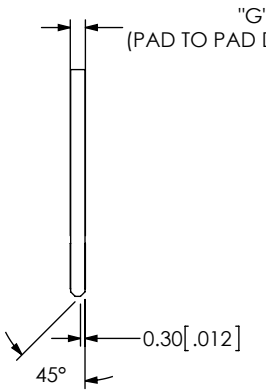


FIG 5
-50 POSITION SHOWN

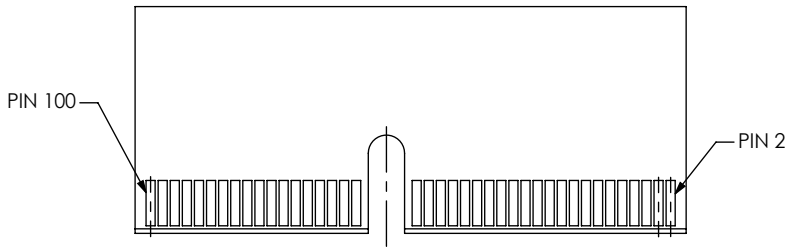
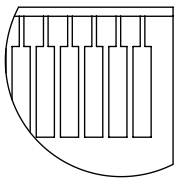
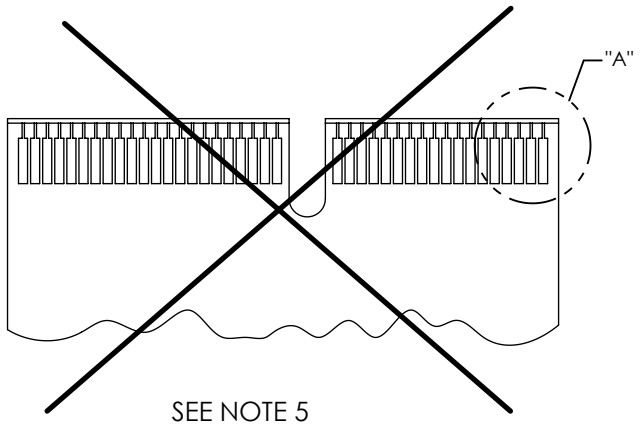


TABLE 2			
POSITIONS	"E"	"F"	
-10	9.26 [.365]	N/A	
-20	17.25 [.679]	N/A	
-30	25.25 [.994]	N/A	
-35	29.25 [1.152]	N/A	
-40	36.45 [1.435]	19.83 [.781]	
-45	40.45 [1.593]	21.43 [.844]	R
-50	44.45 [1.750]	23.83 [.938]	
-60	52.45 [2.065]	27.83 [1.096]	
-70	60.45 [2.380]	31.83 [1.253]	



DETAIL "A"
SCALE 4 : 1



NOTES:
1. -10, -20 AND -30 CARDS HAVE NO SLOT.
2. ALL DIMENSIONS ARE SYMMETRIC ABOUT THE CENTERLINE.
3. PLATING TO BE .000030 INCHES GOLD WITH A HARDNESS OF 130-200 KNOOP PER ASTM B 488 TYPE 2, GRADE C.
4. Ⓒ REPRESENTS CRITICAL DIMENSION.
5. FOR PROPER CONTACT REGISTRATION, PLATING BUS TIE TO BE THE WIDTH OF THE EDGE FINGER.

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS INFORMATION CONFIDENTIAL AND PROPRIETARY TO SAMTEC, INC. AND SHALL NOT BE REPRODUCED OR TRANSFERRED TO OTHER DOCUMENTS OR DISCLOSED TO OTHERS OR USED FOR ANY PURPOSE OTHER THAN THAT WHICH IT WAS OBTAINED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SAMTEC, INC.

samtec
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

F:\dwg\misc\mktg\footprnt\MEC8-1XX-XX-XX-DV-XX-FOOTPRINT.SLDDRW

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

samtec:

FFSD-20-D-12.00-01-N-R LSS-130-01-L-DV-A PESS-02-12-L-20.01-SR SMB7H-J-P-H-ST-TH1
PESS-04-12-L-84.00-SR SEAF8-30-1-S-08-2-RA SFC-145-T2-F-D-A LSHM-150-04.0-L-DV-A-S-K-TR
PESS-06-12-L-15.75-DR-NDS QTH-060-07-L-D-A USB-A-S-F-B-SM2-R-TR BBD-104-G-G HLE-113-02-L-DV
PESS-06-12-L-22.00-SR SFM-130-02-S-D-LC SMP-PS-P-HG-ST-TH2 ESQT-135-02-F-D-760
FFSD-13-S-03.50-01-N ISDF-06-S-R ISDF-06-S UMPS-04-03.5-G-V-S-W-TR FFSD-25-D-03.50-01-N-R
FFSD-13-S-02.50-01-N FFSD-25-D-02.50-01-N FFSD-25-D-11.50-01-N GRF1-P-P-04-E-ST-TH1
HSEC8-125-01-L-DV-A-WT MEC1-170-02-F-D-A-K SSM-113-L-DH-TR USB-A-D-S-B-TH