

DO NOT
SCALE FROM
THIS PRINT

DESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]

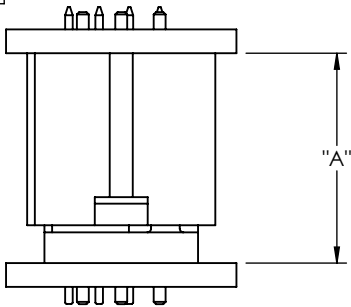


FIG 1
MPTC-V MATED WITH MPSC-V

TABLE 1						
MPSC-V	MPTC-V		SIGNAL PIN WIPE		POWER PIN WIPE	
	"A" FULLY MATED	"A" MAX	MAX CONTACT WIPE	MIN CONTACT WIPE	MAX CONTACT WIPE	MIN CONTACT WIPE
-7.70	13.88 [0.546]	14.18 [0.558]	1.32 [0.052]	1.02 [0.040]	2.45 [0.096]	2.15 [0.085]
*-9.70	15.88 [0.625]	16.18 [0.637]	1.32 [0.052]	1.02 [0.040]	2.45 [0.096]	2.15 [0.085]

(* = NOT TOOLED)

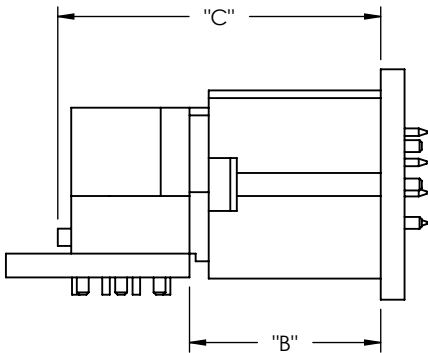


FIG 2
MPTC-V MATED WITH MPSC-RA

TABLE 2								
MPSC-RA	MPTC-V				SIGNAL PIN WIPE		POWER PIN WIPE	
	"B" FULLY MATED	"B" MAX	"C" FULLY MATED	"C" MAX	MAX CONTACT WIPE	MIN CONTACT WIPE	MAX CONTACT WIPE	MIN CONTACT WIPE
-01	12.65 [0.498]	13.28 [0.523]	21.36 [0.841]	21.99 [0.866]	1.65 [0.065]	1.02 [0.040]	2.45 [0.096]	1.82 [0.072]

- NOTES:
- 1. ALL DIMENSIONS BASED ON NOMINAL VALUES FOR SAMTEC RECOMMENDED PCB LAYOUTS.
 - 2. ALTHOUGH MAX DIMENSIONS ARE LISTED, SAMTEC RECOMMENDS FULLY MATING COMPONENTS.
 - 3. MAXIMUM ALLOWABLE ANGLE AT FULLY MATED NOMINAL CONDITIONS.

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

F:\dwg\sw\exisprod\mated docs\MPXC Mated Document.SLDDRW

SHEET 1 OF 2

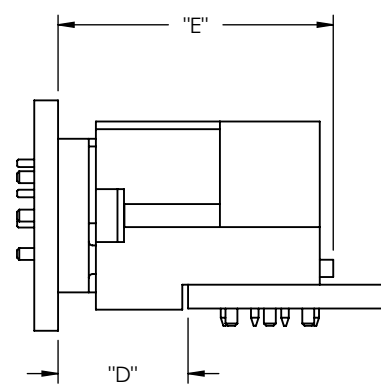


FIG 3
MPTC-RA MATED WITH MPSC-V

TABLE 3								
MPSC-V	MPTC-RA				SIGNAL PIN WIPE		POWER PIN WIPE	
	"D" FULLY MATED	"D" MAX	"E" FULLY MATED	"E" MAX	MAX CONTACT WIPE	MIN CONTACT WIPE	MAX CONTACT WIPE	MIN CONTACT WIPE
-7.70	8.60 [0.339]	8.90 [0.350]	18.20 [0.717]	18.50 [0.728]	1.32 [0.052]	1.02 [0.040]	2.45 [0.096]	2.15 [0.085]
*-9.70	10.60 [0.417]	10.90 [0.429]	20.20 [0.795]	20.50 [0.807]	1.32 [0.052]	1.02 [0.040]	2.45 [0.096]	2.15 [0.085]

(* = NOT TOOLED)

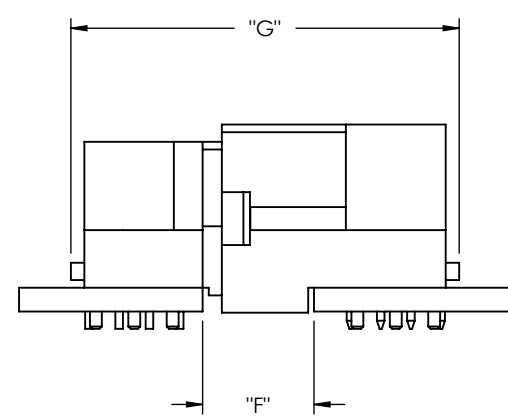


FIG 4
MPTC-RA MATED WITH MPSC-RA

TABLE 4								
MPSC-RA	MPTC-RA				SIGNAL PIN WIPE		POWER PIN WIPE	
	"F" FULLY MATED	"F" MAX	"G" FULLY MATED	"G" MAX	MAX CONTACT WIPE	MIN CONTACT WIPE	MAX CONTACT WIPE	MIN CONTACT WIPE
-01	7.37 [0.290]	8.00 [0.315]	25.68 [1.011]	26.31 [1.036]	1.65 [0.065]	1.02 [0.040]	2.45 [0.096]	1.82 [0.072]

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