REVISION B

MPXC MATED VIEWS

12/7/2021 | ECN-424149

DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN MILLIMETERS[INCHES]

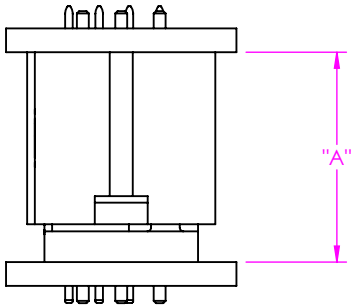


FIG 1
MPTC-V MATED WITH MPSC-V

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)

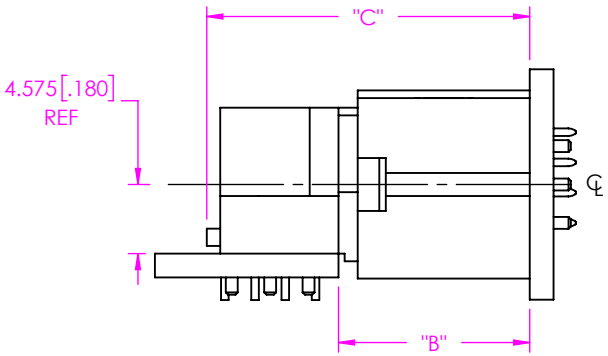


FIG 2
MPTC-V MATED WITH MPSC-RA

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.

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MPXC MATED VIEWS

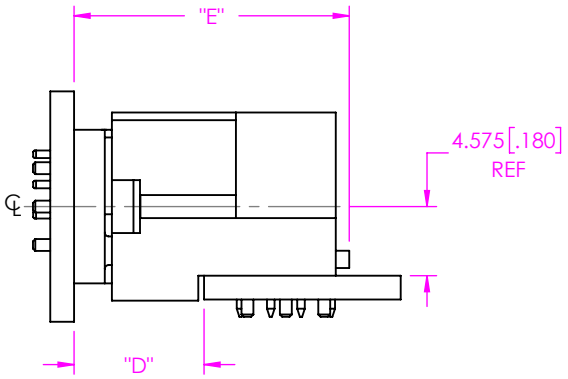


FIG 3
MPTC-RA MATED WITH MPSC-V

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)

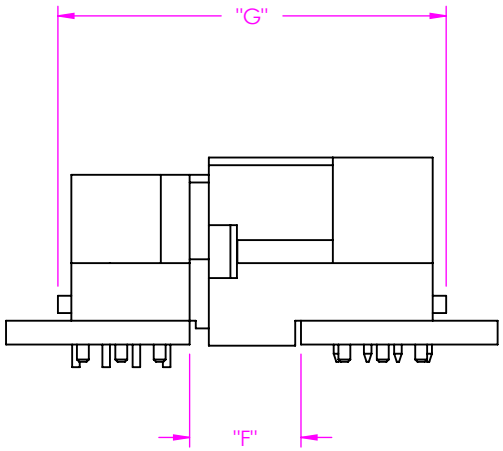


FIG 4
MPTC-RA MATED WITH MPSC-RA

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]

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HTSS-110-04-S-D-RA IPBT-103-H1-T-S-RA-K MMS-114-02-L-DV SLM-118-01-G-S SQT-110-01-L-S-RA
FJ-15-D-15.75-4 FTS-102-02-F-DV-TR SEAF-20-06.5-S-06-2-A-K-TR CES-108-02-T-S CLM-104-02-F-D-BE
HTST-108-01-L-DV-P-TR PCIE-164-02-F-D-TH CES-112-01-T-S BBL-102-T-E ERF8-035-05.0-L-DV-K-TR
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