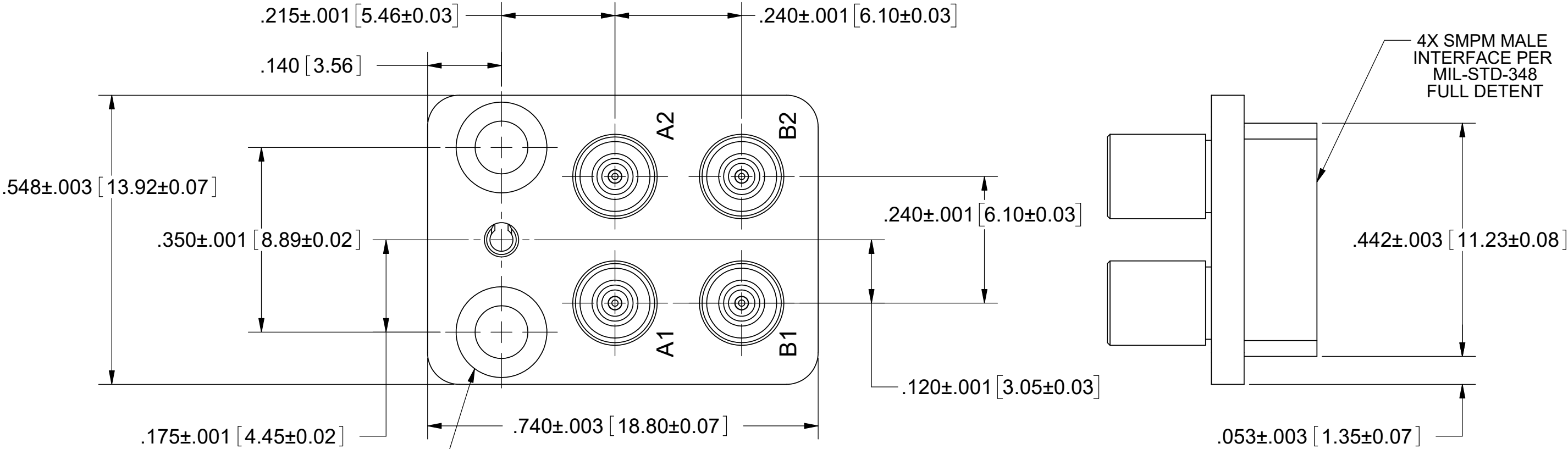


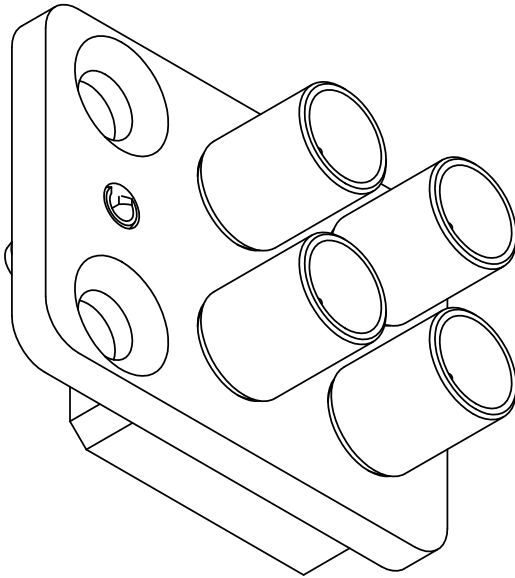
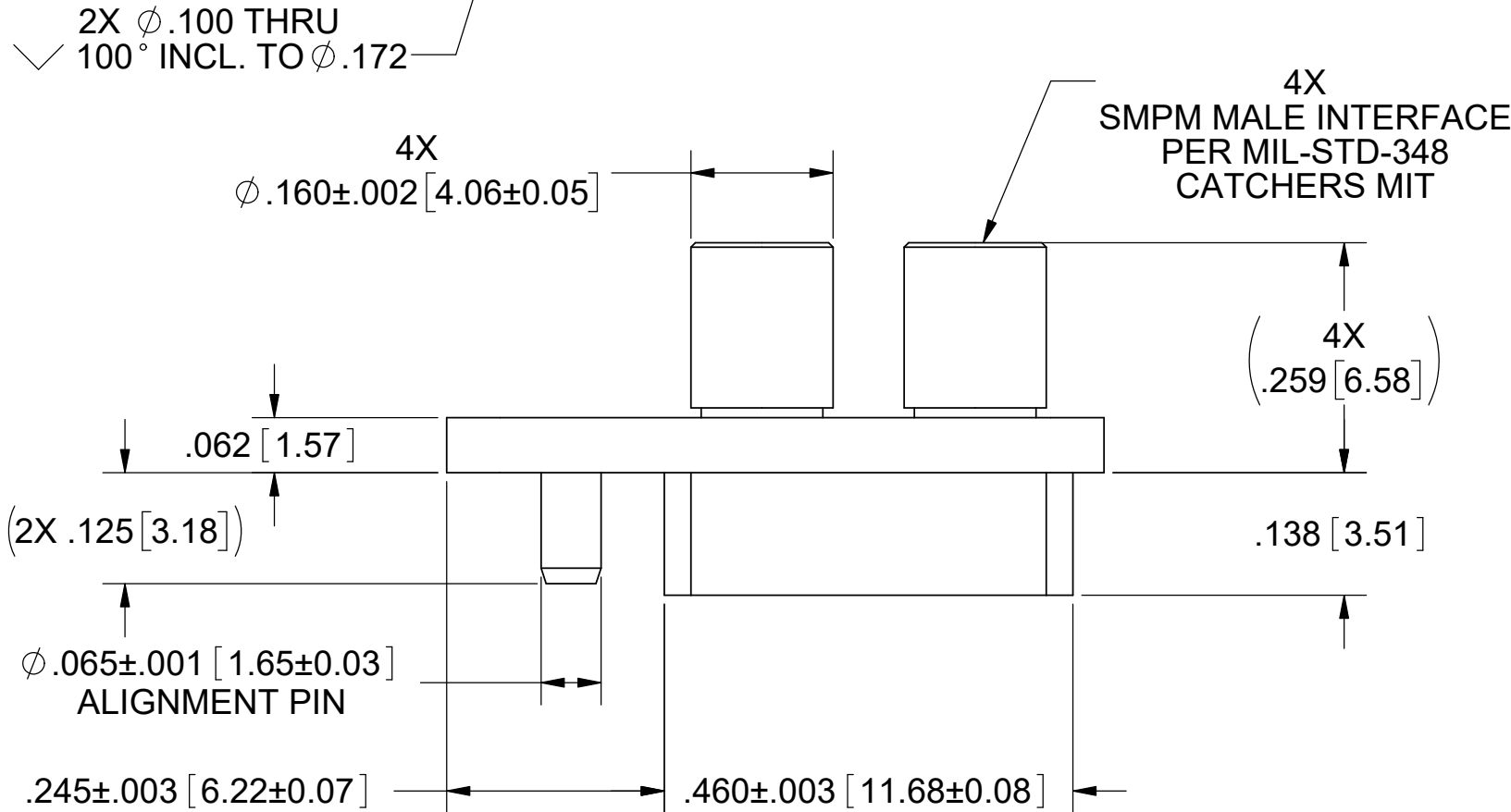
ROHS COMPLIANT

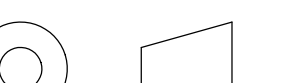
PRODUCT DATA DRAWING

REVISION HISTORY			
REV.	DESCRIPTION	DATE	APPROVED
B	DCN 42423	06/16	STW
C	DCN 48135	11/18	STW



MATERIAL:	
FLANGE:	STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1.
SPRING PINS:	STAINLES STEEL PER ASTM A313, ALLOY UNS S30200, TYPE 302.
CONTACTS & SMPM BODIES:	BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04.
INSULATORS:	PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B.
FINISH:	
FLANGE & SPRING PINS:	PASSIVATED PER AMS-2700.
CONTACTS & SMPM BODIES:	GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.
PERFORMANCE:	
IMPEDANCE:	50 OHMS
FREQ. RANGE:	DC TO 18.0 GHz
VSWR:	1.30:1 DC TO 18.0 GHz
INSERTION LOSS:	.03 X SQRT(F(F IN GHz))
DWV:	1000 VRMS
OPERATING TEMP.:	-55°C TO +125°C
ENGAGEMENT:	2.5 LBS MIN CATCHERS MIT 4.5 LBS MIN FULL DETENT
DISENGAGEMENT:	1.5 LBS MAX.CATCHERS MIT 6.5 LBS MAX. FULL DETENT



MATERIAL:	SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: ANGULAR: ±1° ONE PLACE DECIMAL ±.030 TWO PLACE DECIMAL ±.010 THREE PLACE DECIMAL ±.005 INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	UNLESS OTHERWISE SPECIFIED: 1. ALL DIMENSIONS ARE AFTER PLATING. 2. BREAK CORNERS & EDGES R.005 MAX. 3. CHAMFER 1ST AND LAST THREAD. 4. SURFACE ROUGHNESS 63 PER MIL-STD-10. 5. DIA'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R. 6. REMOVE ALL BURRS.	SV Microwave, Inc.® 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409					
FINISH:	SEE NOTES			TITLE: VITA 67.1 BACKPLANE 4 PORT MODULE					
DO NOT SCALE DRAWING									
PROPRIETARY				THIRD ANGLE PROJECTION	DRAWN:	JMC 01/05/11			
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SV MICROWAVE, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SV MICROWAVE, INC. IS PROHIBITED.			CHECKED:	STW 01/06/11	SIZE C	CAGE CODE 95077	DWG. NO. SF1132-6037	SCALE: 5:1	SHEET 1 OF 1
			APPROVED:	STW 01/06/11					
			E.M. SIMULATION:	N/A					

Mouser Electronics

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