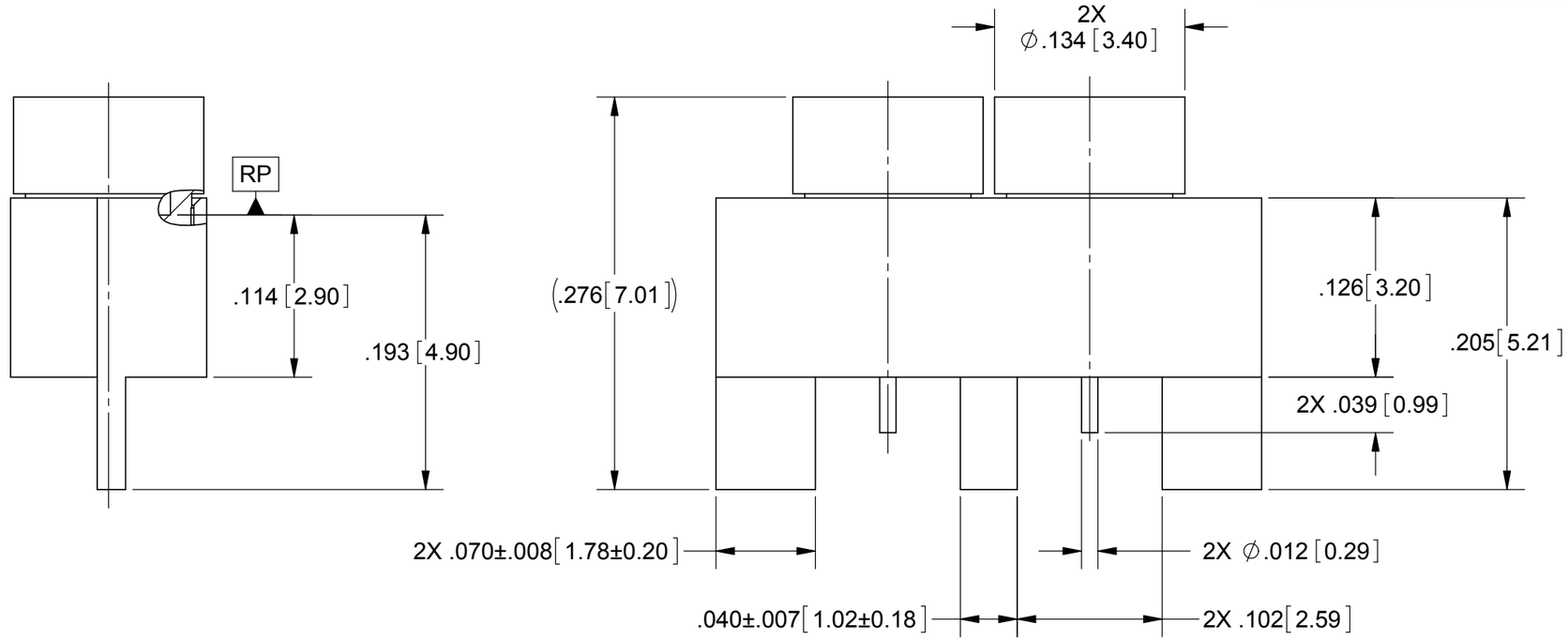
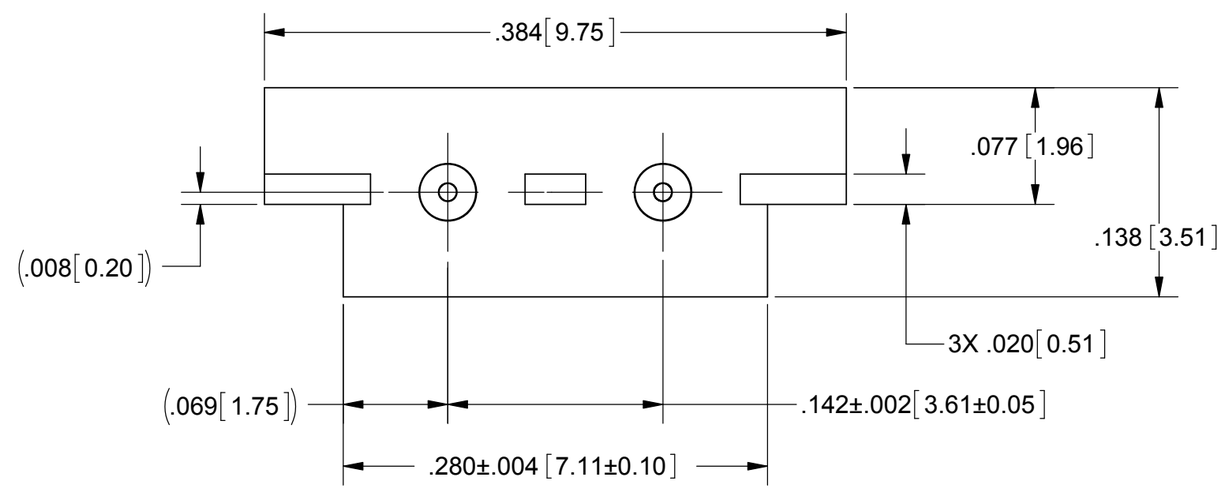
ROHS COMPLIANT

PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	DCN 38497	08/11	PJS



SV P/N	INTERFACE
3211-60086	SMOOTH BORE
3211-60087	FULL DETENT



MATERIAL:

BODY & SHROUDS: STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1

CONTACTS: BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04

INSULATORS: PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B

FINISH:

BODY, SHROUDS, & CONTACTS: 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 65 GHz
RETURN LOSS: 35dB DC TO 15.0GHz
23dB 15.0 TO 25.0GHz
20dB 25.0 TO 40.0GHz
INSERTION LOSS: .10 X SQRT(F(F IN GHz))

SHROUD TO BODY RETENTION: 8 LBS MIN (AXIAL)

MATERIAL: SEE NOTES
FINISH: SEE NOTES
SURFACE AREA: N/A

PROPRIETARY
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.

DIMENSIONS ARE IN INCHES TOLERANCES:
FRACTIONAL: ±1/64 ANGULAR: X° ±1°0' X°X' ±15'
DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005
INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED
1) ALL DIMENSIONS ARE IN INCHES [MILLIMETERS]
2) ALL DIMENSIONS ARE AFTER PLATING.
3) BREAK CORNERS & EDGES .005 R. MAX.
4) CHAM. 1ST & LAST THREADS.
5) SURFACE ROUGHNESS 63₄MIL-STD-10.
6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R.
7) REMOVE ALL BURRS

DRAWN:	FED	08/25/11
CHECKED:	PJS	08/25/11
APPROVED:	PJS	08/25/11

SV Microwave, Inc.
2400 Centrepark West Drive, Suite 100
West Palm Beach, FL 33409

TITLE: SMPM MALE 2-PORT EDGE LAUNCH

SIZE	CAGE CODE	DWG. NO.
B	95077	3211-60086-60087

SCALE: 10:1 SHEET 1 OF 1