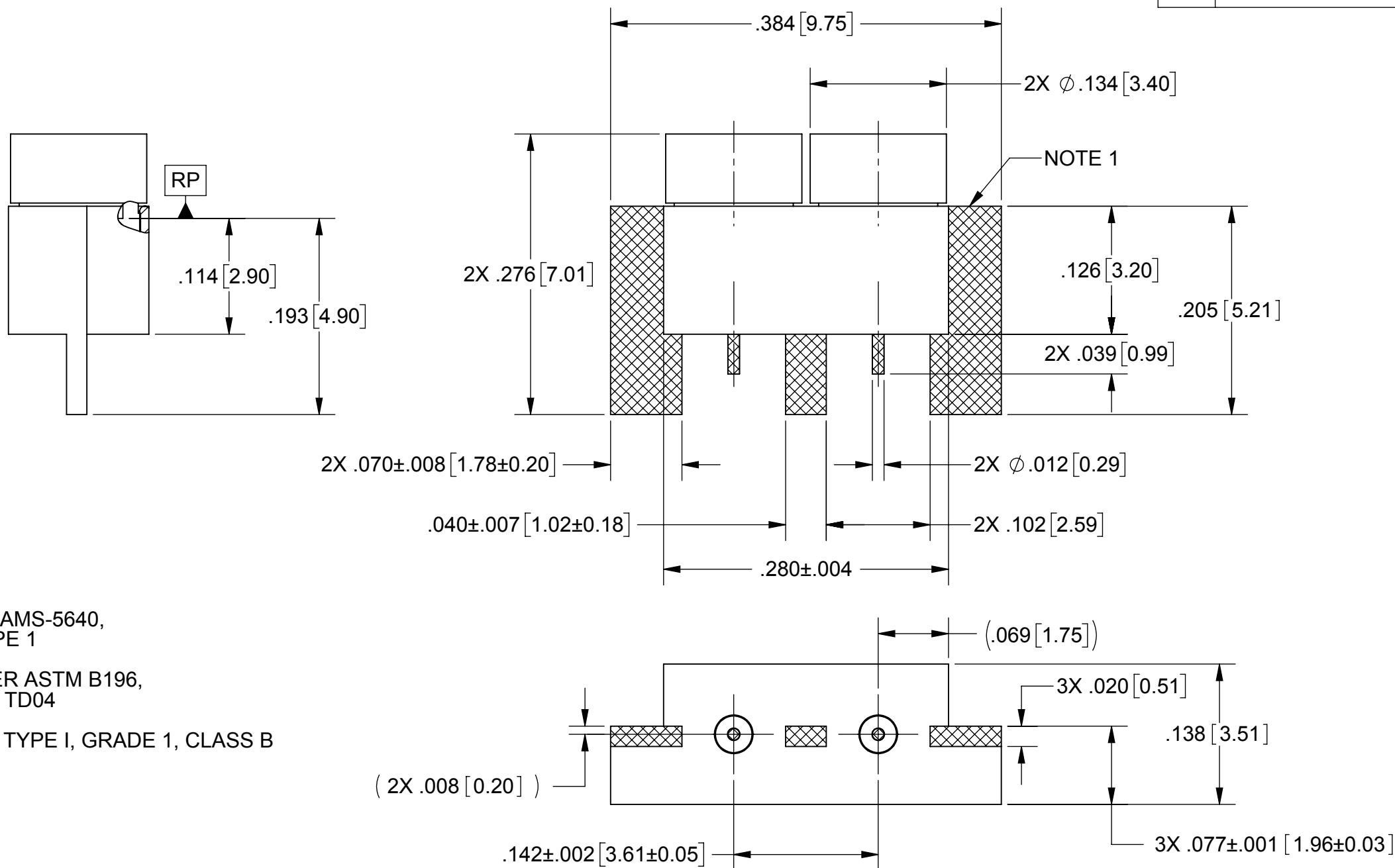


PRODUCT DATA DRAWING

| REVISION HISTORY | | | |
|------------------|-------------|-------|----------|
| REV | DESCRIPTION | DATE | APPROVED |
| - | DCN 43145 | 02/17 | GPF |
| | | | |

| SV P/N | INTERFACE |
|---------------|-------------|
| 3211-60086-TD | SMOOTH BORE |
| 3211-60087-TD | 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)

NOTES:

- CROSS HATCHED SURFACES TO BE PRE-TINNED USING SN96 SOLDER
- ALL DIMENSIONS APPLY PRIOR TO PRE-TINNING.
- FOR RECOMMENDED FOOTPRINT TO YOUR SPECIFIC PCB, CONTACT SV MICROWAVE SALES DEPARTMENT (sales@svmicro.com, 561-840-1800)

| | | | |
|---|--|---|---|
| MATERIAL: SEE NOTES | DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/64 ANGULAR: X° ±1'0" X"X' ±15' | 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 63 MIL-STD-10. 6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R. 7) REMOVE ALL BURRS | SV Microwave, Inc. 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409 |
| FINISH: SEE NOTES | DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005 | INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994 | TITLE: SMPM MALE 2-PORT EDGE LAUNCH |
| SURFACE AREA: N/A | THIRD ANGLE PROJECTION | DRAWN: VB 02/24/17 | SIZE: B CAGE CODE: 95077 DWG. NO.: 3211-60086-60087-TD |
| 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. | | CHECKED: GPF 02/24/17 | SCALE: 10:1 |
| | | APPROVED: GPF 02/24/17 | SHEET 1 OF 1 |

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