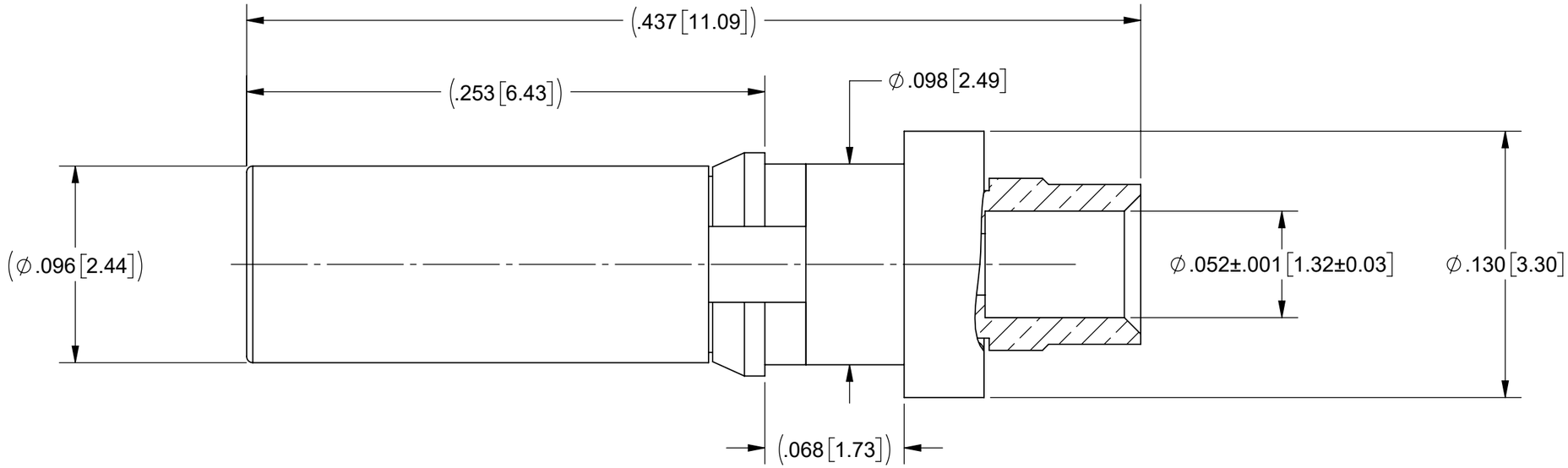
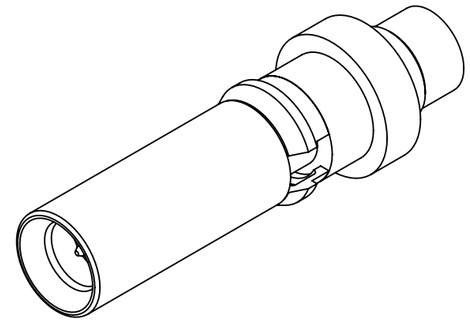
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
B	DCN 58039	09/25	SEE PDM

PRODUCT DATA DRAWING





MATERIAL:

BODY & SHROUD: STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1; OR ASTM A 585 TYPE 303 , CONDA.

CONTACT, FERRULE, & RETAINING RING: BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04

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

FINISH:

BODY & SHROUD: PASSIVATED PER AMS-2700

CONTACT & FERRULE: GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

RETAINING RING: NICKEL PER AMS-QQ-N-290, CLASS 1, GRADE G

PERFORMANCE:

IMPEDANCE: 50 OHMS
FREQ. RANGE: DC TO 67.0 GHz

NOTES:

1. FOR USE WITH SV MICROWAVE VITA 67.3 SMPS PLUG-IN MODULES.
2. THIS SMPS GEN1 CONTACT IS NO LONGER RECOMMENDED FOR NEW DESIGNS. THIS CONNECTOR NOT COMPATIBLE WITH NEW SMPS GEN2 MODULES. THIS CONNECTOR IS DESIGNED FOR SF9311-60171 & 9311-80025. WHEN THIS CONTACT IS INSTALLED IN A GEN1 MODULE, IT WILL MATE TO EITHER GEN1 OR GEN2 POPULATED BACKPLANE ASSEMBLIES. CONTACT US AT APPLICATIONS@SVMICRO.COM FOR A MORE INFORMATION.

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 63 MIL-STD-10.
6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R.
7) REMOVE ALL BURRS

DRAWN:	JDT 10/16/19
CHECKED:	SEE PDM
APPROVED:	SEE PDM

Amphenol SV MICROWAVE
www.svmicrowave.com

TITLE: SMPS VITA 67.3 PIN CONTACT FOR Ø.047 CABLE

SIZE B | DWG. NO. SF3811-60060

SCALE: 16:1 | SHEET 1 OF 1