PRODUCT DATA DRAWING
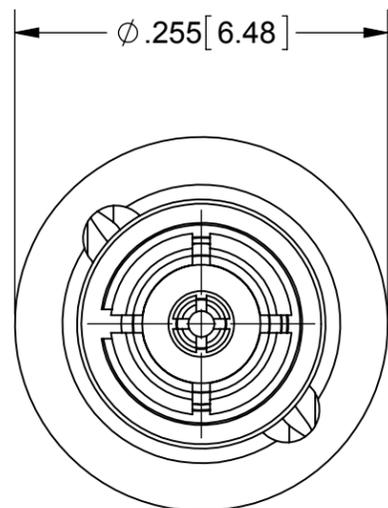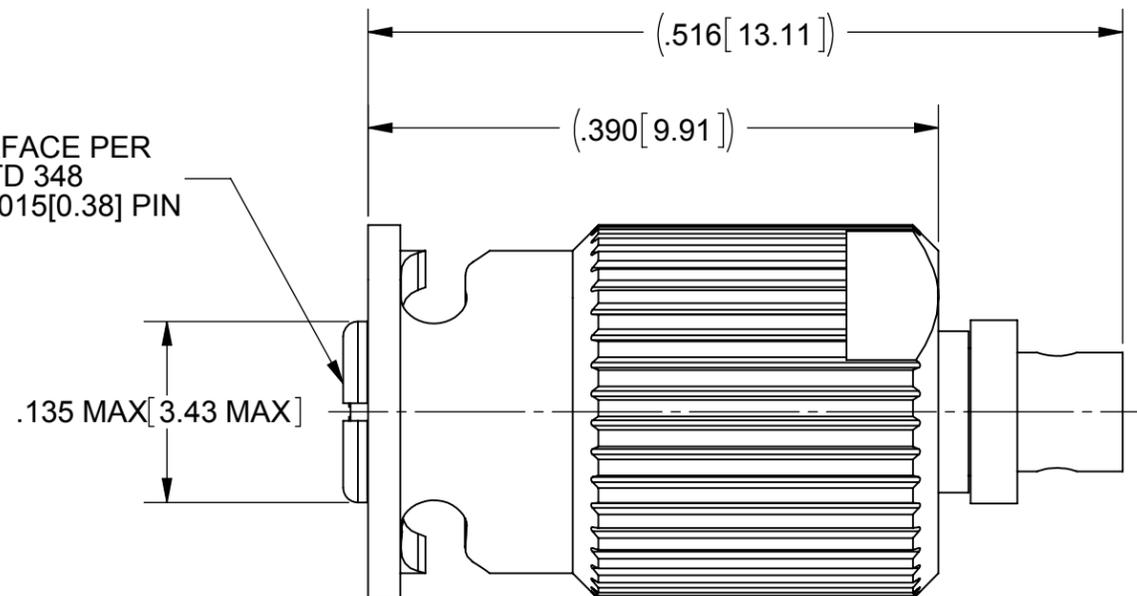
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
C	DCN 41749	10/15	STW

ϕ .255 [6.48]

(.516 [13.11])

(.390 [9.91])

SMP INTERFACE PER
MIL-STD 348
ACCEPTS ϕ .015[0.38] PIN

.135 MAX [3.43 MAX]

MATERIAL:

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

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

SPRING: STAINLESS STEEL PER ASTM A313

QUARTER BACK NUT: STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1

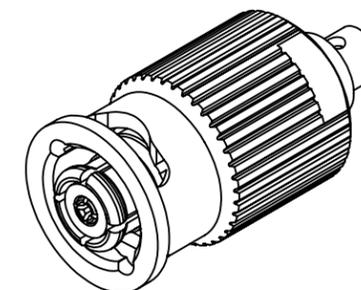**FINISH:**

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

QUARTER BACK NUT & SPRING: PASSIVATED PER AMS 2700

PERFORMANCE:

IMPEDANCE: 50 OHMS
FREQ. RANGE: DC TO 40.0 GHz
VSWR: 1.30:1 DC TO 40.0 GHz
INSERTION LOSS: .03 X SQRT(F(F IN GHz))

MATERIAL: SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES:	UNLESS OTHERWISE SPECIFIED	***SV Microwave, Inc.***
FINISH: SEE NOTES	FRACTIONAL: ±1/64 ANGULAR: X° ±1°0' X°X' ±15'	1) ALL DIMENSIONS ARE IN INCHES [MILLIMETERS] 2) ALL DIMENSIONS ARE AFTER PLATING. 3) BREAK CORNERS & EDGES .005 R. MAX.	2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409
SURFACE AREA: N/A	DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005	4) CHAM. 1ST & LAST THREADS. 5) SURFACE ROUGHNESS 63√MIL-STD-10. 6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN T.I.R. 7) REMOVE ALL BURRS	TITLE: SMP JACK W/ QUARTER BACK NUT FOR STANDARD FLEXTRA CABLE
PROPRIETARY INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994		DRAWN: ELA 11/05/12	
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.	THIRD ANGLE PROJECTION	CHECKED: STW 11/05/12	SIZE B CAGE CODE 95077 DWG. NO. 1221-40051
		APPROVED: STW 11/05/12	SCALE: 8:1 SHEET 1 OF 1