

PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	DCN 38106	03/11	PJS

MATERIAL:BODY,
PRESS CAP &
COUPLING NUT:STAINLESS STEEL PER AMS-5640,
ALLOY UNS S30300, TYPE 1LOCK RING &
CONTACT:BERYLLIUM COPPER PER ASTM B196,
ALLOY No. UNS C17300, TD04

INSULATOR:

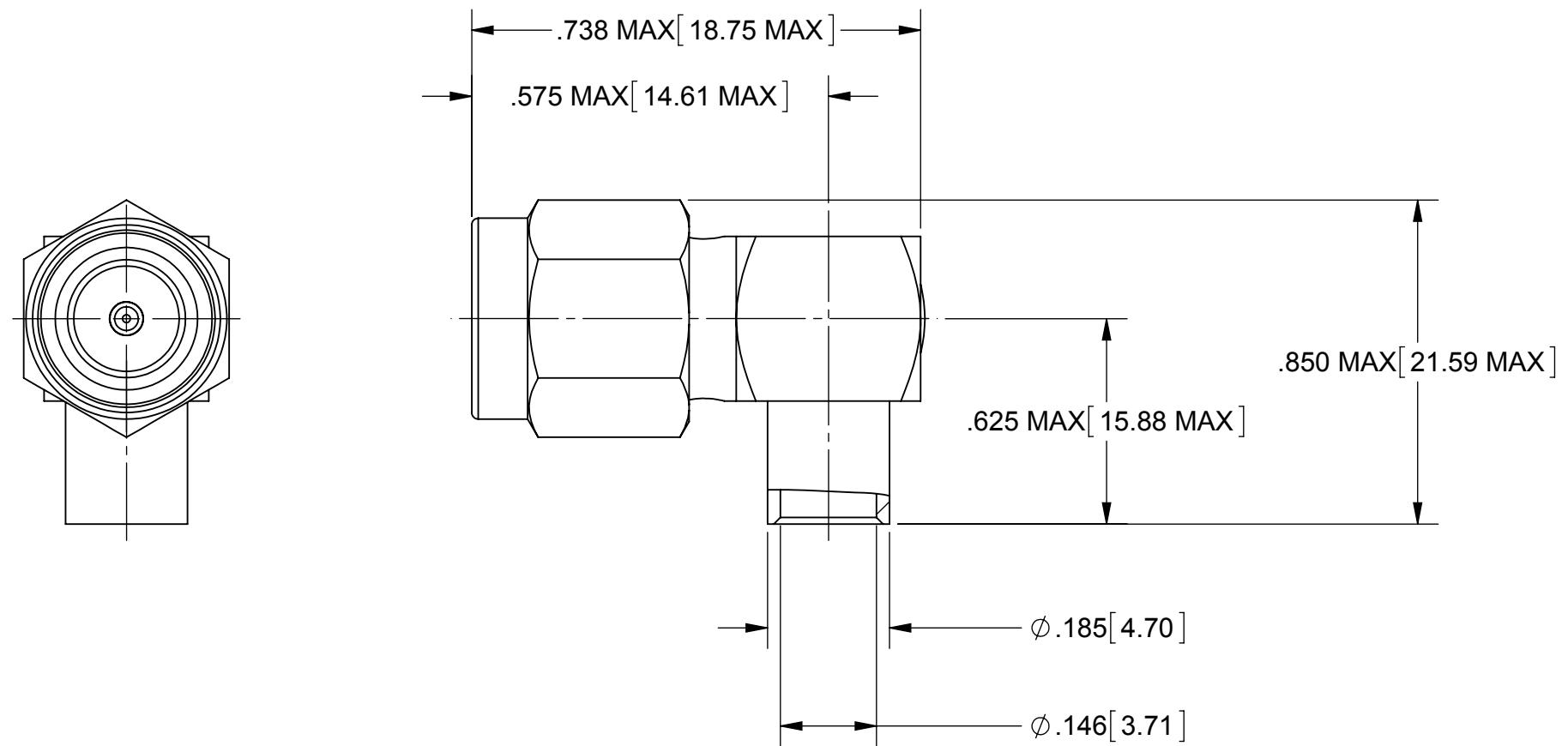
PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B

GASKET:

SILICONE RUBBER PER A-A-59588,
CLASS 2B, GRADE 50/60**FINISH:**

COUPLING NUT:

PASSIVATED PER AMS-2700

BODY,
PRESS CAP &
CONTACT:GOLD PER ASTM B488, TYPE II,
CODE C, CLASS 1.27; OVER NICKEL
PER AMS-QQ-N-290, CLASS 1, .00010" MIN.**PERFORMANCE:**IMPEDANCE:
FREQ. RANGE:
VSWR:50 OHMS
DC TO 18.0 GHz
1.01+.01F (GHz) DC TO 18.0 GHz
OR APPROXIMATELY 80% OF THE UPPER
CUTOFF FREQUENCY OF THE CABLE
WHICHEVER IS LOWER.DWV:
INSUL. RESISTANCE:1000 VRMS.
5000 MEGOHMS

MATERIAL: SEE NOTES

FINISH: SEE NOTES

SURFACE AREA: N/A

PROPRIETARY

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DIMENSIONS ARE IN INCHES TOLERANCES:

FRACTIONAL: $\pm 1/64$ ANGULAR: $X^\circ \pm 1^\circ$
 $X^\circ X' \pm 15'$ DECIMAL: $X \pm .030$ $XX \pm .010$ $XXX \pm .005$ INTERPRET DIMENSIONS AND TOLERANCES
PER ASME Y14.5M - 1994

THIRD ANGLE PROJECTION

DRAWN: PJS 03/29/11

CHECKED: PJS 03/29/11

APPROVED: PJS 03/29/11

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 63µ INCHES (1.6µ MILLIMETERS)

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 33409TITLE: SMA R/A PLUG SOLDER-ON
FOR .141 SR CABLE

SIZE CAGE CODE DWG. NO. M39012/80-3108

B 95077

SCALE: 4:1

SHEET 1 OF 1

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