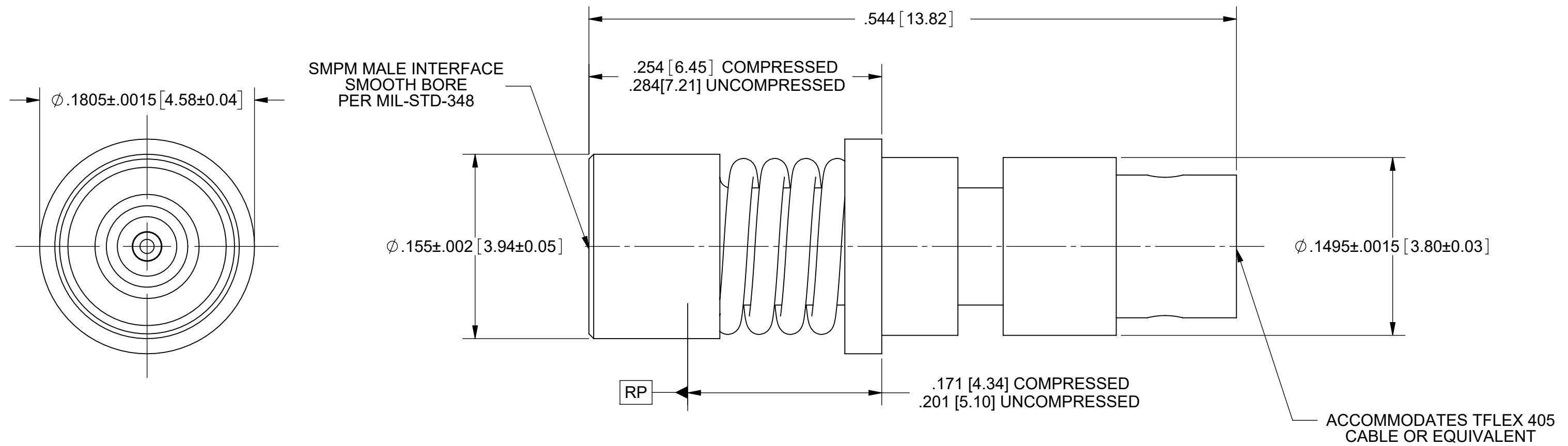


# PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	DCN 57901	09/11/25	
			SEE PDM



## MATERIAL:

BODY & SLEEVE: STAINLESS STEEL PER AMS 5640, ALLOY UNS S30300, TYPE 1 OR ASTM S582, TYPE 303, CONDITION A.

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

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

## FINISH:

BODY & SLEEVE: 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.

## PERFORMANCE:

IMPEDANCE: 50 OHMS  
FREQ. RANGE: DC TO 40 GHz  
DWV: 325 VRMS

AXIAL FLOAT: .030"

MATERIAL: SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: $\pm 1/64$ ANGULAR: $X^\circ \pm 1^\circ 0'$ DECIMAL: $X \pm .030$ FINISH: SEE NOTES $X^\circ X' \pm 15'$ XX $\pm .010$ XXX $\pm .005$	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	<b>Amphenol</b> <b>SV MICROWAVE</b> <a href="http://www.svmicrowave.com">www.svmicrowave.com</a>  <b>TITLE:</b> <b>SIZE 12 SERIES II SMPM</b> <b>SOCKET FOR .085 CABLE</b>
SURFACE AREA: N/A	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	THIRD ANGLE PROJECTION	
PROPRIETARY		DRAWN: MA 08/04/25	<b>SIZE DWG. NO.</b> <b>B</b> <b>9351-60073</b>  <b>SCALE: 12:1</b>  <b>SHEET 1 OF 1</b>
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		APPROVED: SEE PDM	