

4				3			2			1									
D	P/N	Ø A	INTERFACE	INTERFACE (ON HEX SIDE)	FIGURE	REVISION HISTORY													
						ECO	REV.	DESCRIPTION	DRAWN BY	DATE									
						23091	D	-	PCV	04.13.10									
						29335	E	ADD -4 THRU -12	DKN	09.03.15									
						202352	F	ADD NEW NAME	DKN	12.02.24									
						206517	G	REDRAWN IN SW	PAW	08.28.26									
	P912-1CCSF	.116±.001	FULL DETENT	CATCHERS MITT	1	CONFIGURATIONS SHOWN ON SHT 2 & 3													
	P912-2CCSF	.120±.001	LIMITED DETENT																
	P912-3CCSF	.125±.001	SMOOTH BORE																
	P912-4CCSF	.116±.001	FULL DETENT	SMOOTH BORE	2														
	P912-5CCSF	.120±.001	LIMITED DETENT																
	P912-6CCSF	.125±.001	SMOOTH BORE																
P912-7CCSF	.116±.001	FULL DETENT	LIMITED DETENT	3															
P912-8CCSF	.120±.001	LIMITED DETENT																	
P912-9CCSF	.125±.001	SMOOTH BORE																	
P912-10CCSF	.116±.001	FULL DETENT	FULL DETENT	4															
P912-11CCSF	.120±.001	LIMITED DETENT																	
P912-12CCSF	.125±.001	SMOOTH BORE																	
NOTE(S): 1. OUTLINE DRAWING REVISION IS INDEPENDENT OF PRODUCTION REVISION.																			
MATERIAL(S):			ELECTRICAL(S):			MECHANICAL(S):			ENVIROMENTAL(S):										
BODY: 303 SST PER ASTM A-582. CENTER CONDUCTOR: BeCu ALLOY PER ASTM B-196. INSULATOR: PTFE PER ASTM D-1710.			IMPEDANCE: 50 OHMS NOMINAL. FREQUENCY RANGE: DC TO 18 GHz. VSWR: 1.02 + .007 x f(GHz). INSERTION LOSS: .06 √f(GHz) dB MAX. WORKING VOLTAGE: 335 Vrms @ SEA LEVEL DIELECTRIC WITHSTANDING VOLTAGE: 500 Vrms MIN. R.F. HiPOT VOLTAGE: 325 Vrms MIN @ 5MHZ. CORONA LEVEL: 190 Vrms @ 70,000 ft. INSULATION RESISTANCE: 5000 MEGOHMS MIN. CONTACT RESISTANCE: CENTER CONTACT: 6.0 mOHM MAX. OUTER CONTACT: 2.0 mOHM MAX. R.F. LEAKAGE: -(90 - fGHz) dB MIN.			MATING CHARACTERISTICS: INTERFACE PER MIL-STD-348. FORCE TO ENGAGE & DISENGAGE: ENGAGE: FULL DETENT: 10.0 lbs MAX. LIMITED DETENT: 5.0 lbs MAX. SMOOTH BORE/CATCHERS MITT: 2.0 lbs. MAX. DISENGAGE: FULL DETENT: 2.0 lbs MIN. LIMITED DETENT: 1.5 lbs MIN. SMOOTH BORE/CATCHERS MITT: .50 lbs. MIN. CENTER CONTACT RETENTION: AXIAL FORCE: 1.5 POUNDS MIN. RADIAL TORQUE: NA CONNECTOR DURABILITY: DEPEND ON DETENT.			TEMPERATURE RANGE: -65 °C TO +165 °C. THERMAL SHOCK: MIL-STD-202, METHOD 107, TEST COND. B. MOISTURE RESISTANCE: MIL-STD-202, METHOD 106, EXCEPT STEP 7B SHALL BE OMITTED. INSULATION RESISTANCE AT LEAST 1000 MEGOHMS WITHIN 5 MINUTES AFTER REMOVAL FROM HUMIDITY. CORROSION: MIL-STD-202, METHOD 101, TEST COND. B. VIBRATION: MIL-STD-202, METHOD 204, TEST COND. D. SHOCK: MIL-STD-202, METHOD 213, TEST COND. I.										
FINISH(ES):						TOLERANCES AND NOTES EXCEPT AS NOTED DIMENSIONS ARE IN INCHES. LINEAR .XX ±.015 / .XXX ±.005 FRACTION ± 1/32 ANGULAR ± 1/2°		-		-									
BODY: PASSIVATE PER ASTM A-967. CENTER CONDUCTOR: GOLD PLATE PER ASTM B-488, TYPE II, CODE C, CLASS 1.25; OVER NICKEL UNDER PLATER PER SAE-AMS-QQ-N-290, CLASS 1.						1. INTERPRET DRAWING PER ASME Y14.5 - 2018 2. MACHINE FINISH: 63 RMS 3. BREAK ALL SHARP EDGES .003 MAX. 4. MACHINED FILLETS .005 MAX. 5. MACHINED SURFACES SQUARE TO RESPECT- IVE AXIS WITHIN .005 INCHES PER INCH. 6. MACHINED DIAMETERS CONCENTRIC WITHIN .002 T.I.R. 7. DIMENSIONS TO BE MET AFTER PLATING. 8. CHAMFER ALL THREADS 45°. 9. THREADS PER H-28 10.REMOVE FRAYED EDGES ON TEFLON. 10.REMOVE ALL BURRS.		APPROVAL INITIALS DATE DRAWN BY DKN 11/11/05		SPECIFICATION PROCUREMENT 12900 Alondra Blvd. Cerritos, CA 90703									
APPLICABLE Amphenol CDI DOCUMENTS						SEE ECO FOR APPROVAL SIGNATURES		TITLE SMP MALE BULKHEAD TO SMP MALE, ADAPTER		SHEET 1 OF 3									
WORK STANDARD PROD INSTRU ASSY INSTRU						SIZE CAGE CODE DRAWING NO. REV. C 30990 P912 G													
NA NA NA																			
THE INFORMATION CONTAINED HEREIN IS PROPRIETARY TO AMPHENOL AND SHALL IN NO WAY BE REPRODUCED OR DISCLOSED IN WHOLE OR IN PART OR USED FOR ANY DESIGN OR MANUFACTURE EXCEPT WHEN SUCH USER POSSESSES DIRECT, WRITTEN AUTHORIZATION FROM AMPHENOL.																			
RoHS 3 Compliant EU 2015/843																			
ENG-SW REV. L 4				3			2			1									

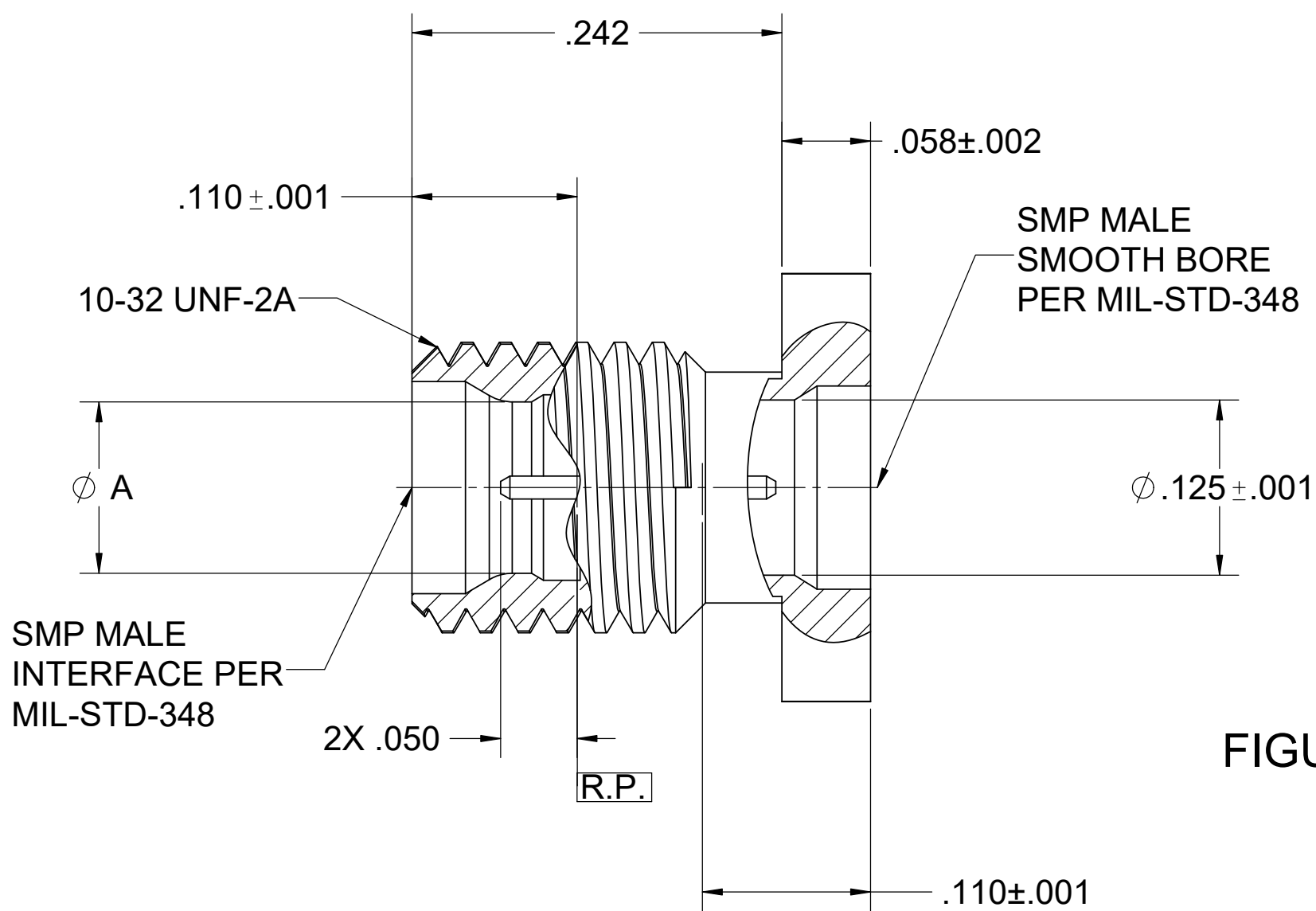


FIGURE 2

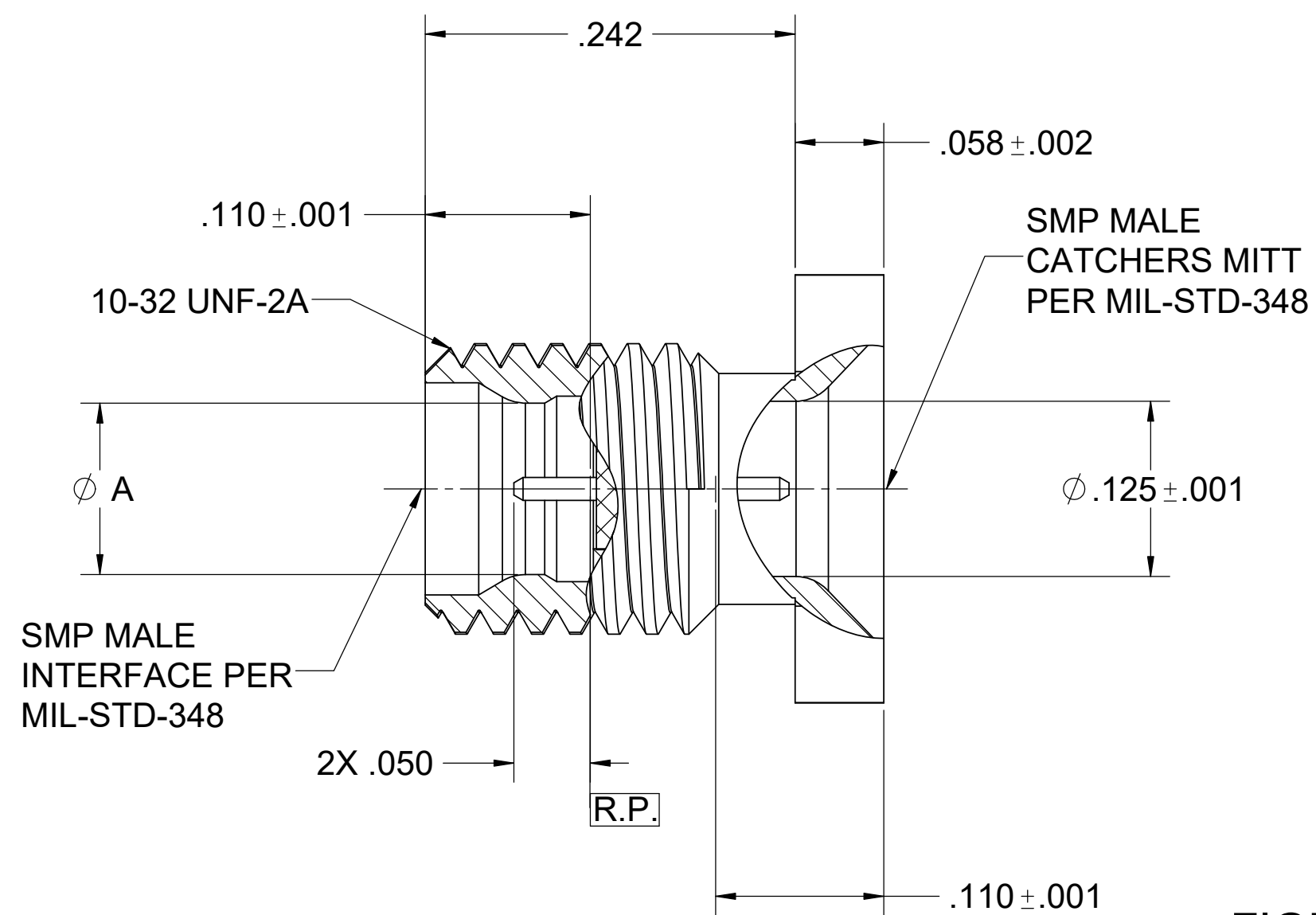
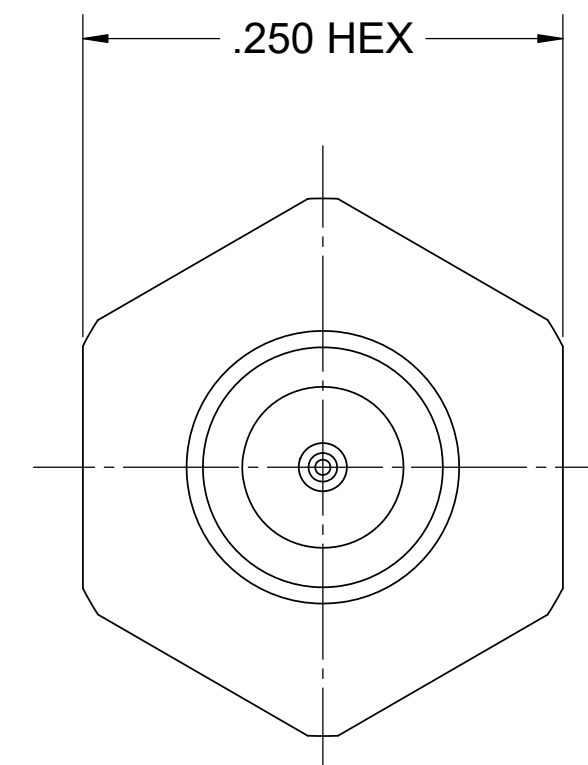
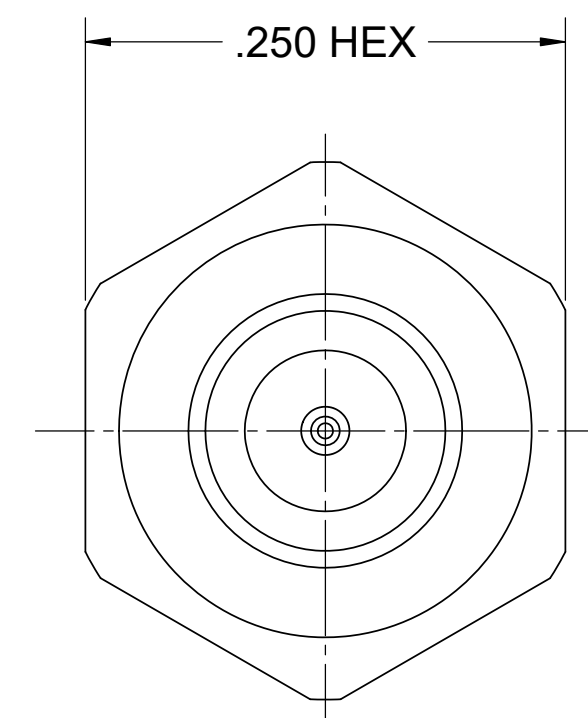


FIGURE 1



Amphenol *CDI*

SMP MALE BULKHEAD TO
SMP MALE, ADAPTER

SIZE	CAGE CODE	PART NUMBER	REV
C	30990	P912	G
SCALE: 10:1		PART NUMBER: P912	2 OF 3

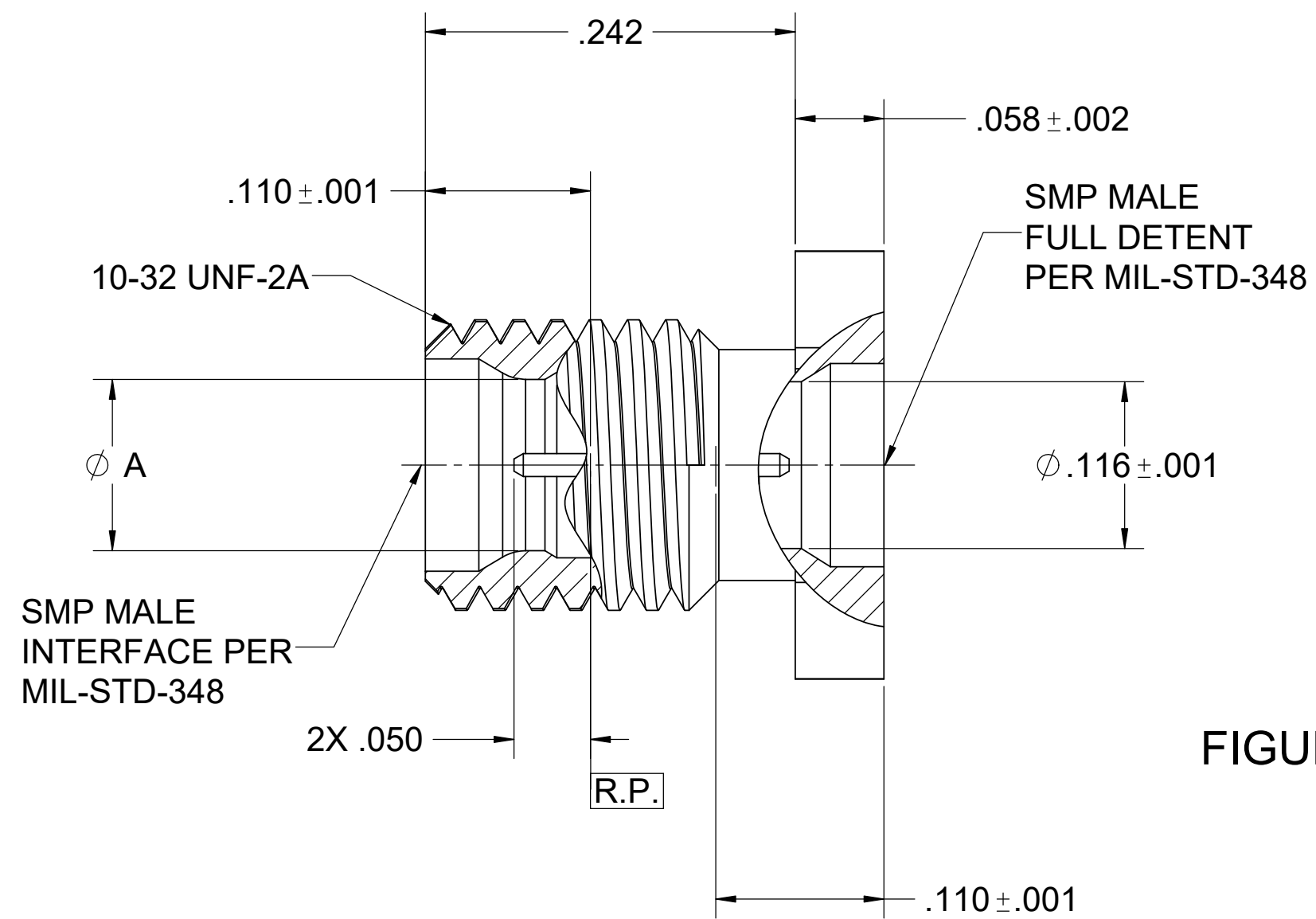


FIGURE 4

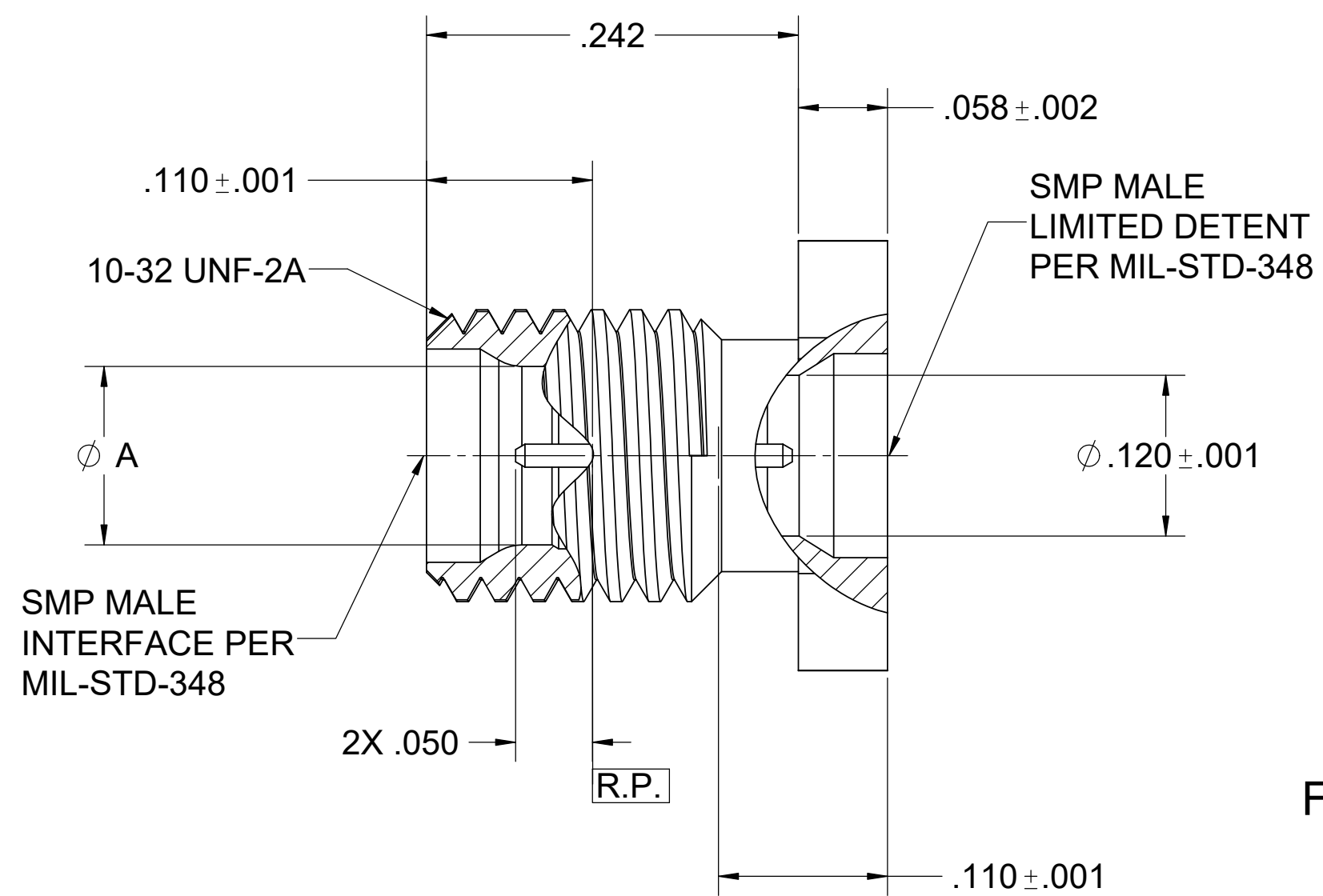


FIGURE 3