

1. MATERIALS AND FINISHES(PLATING THICKNESS IN MICRO-INCHES):
BODY - BRASS, GOLD PLATING
CONTACT - BERYLLIUM COPPER, GOLD PLATING
INSULATOR - PTFE

A. IMPEDANCE: 50 OHM

B. FREQUENCY RANGE: DC-3 GHz

C. VSWR(RETURN LOSS): 1.1, MAX.

D. DIELECTRIC WITHSTANDING VOLTAGE: 750 VRMS, MIN.

A. DURABILITY: 500 CYCLES MIN.

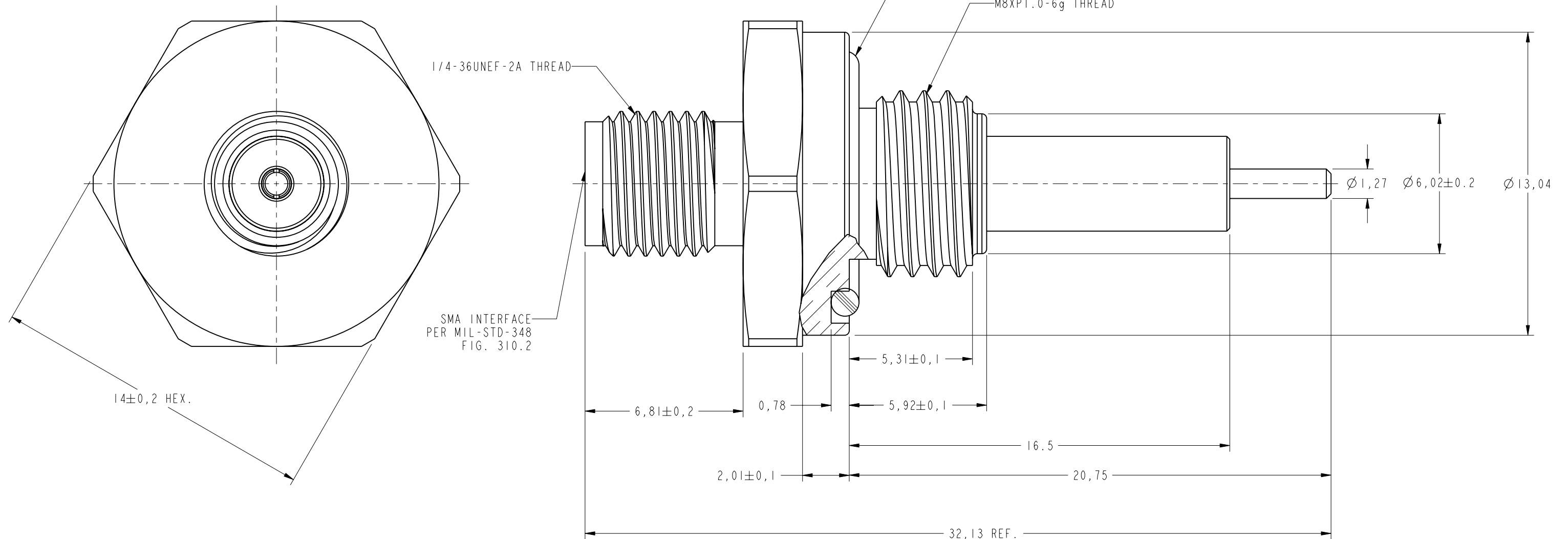
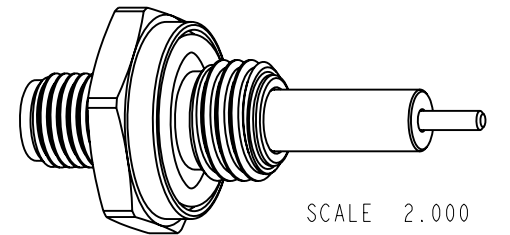
B. TEMPERATURE RANGE: -65° C TO +165° C

C. SEALING REQUIREMENTS: DESIGN WHEN MOUNTED ON PANEL MUST

WITHSTAND WATER PRESSURE AT DEPTH OF 1.1 M FOR 30 MINS WITHOUT ANY SIGN OF LEAKAGE

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	PRELIMINARY RELEASE	4-Nov-08	47339	MZ
B	SEE SHEET 1	16-Feb-09	47443	SCOTT
C	SEE SHEET 1	27-Nov-09	47904	SCOTT
D	CHANGE O-RING PART WIRE DIAMETER \RD-DM11071301S2	22-Jul-11	48681	SCOTT



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±1° NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol Corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.	MATERIAL	DRAWN	DATE	TITLE		Amphenol RF
	-	S. DUAN	22-Jul-11			
	REFERENCE	ENGINEER	DATE	SMA BULKHEAD RECEPTACLE (IP 68)		
	EAR#2703 AND Reference 901-10064	R. YU	04-Nov-08			
CONFIGURATION LEVEL: ☐ ☐ ☐	APPROVED	DATE	SCALE: 6.0:1.0		SHEET 2 OF 2	DRAWING NO. 901-10252
FINISH		CAD FILE	DWG SIZE		REV	ITEM NO. 901-10252
		I:\SMA\901-10252	B		D	PART NO. 901-10252