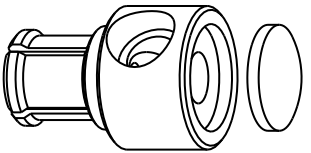


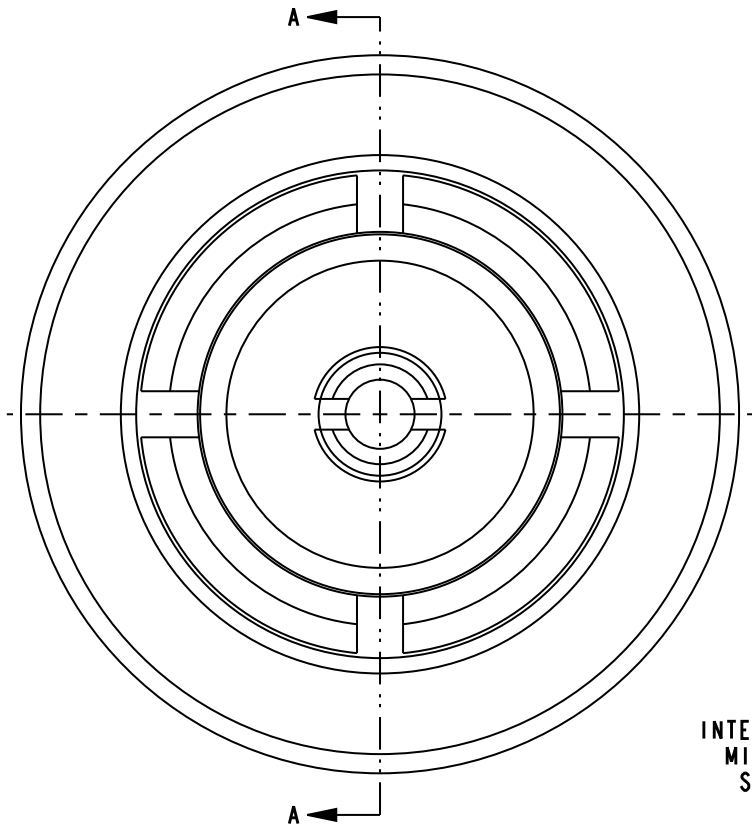
1. MATERIALS AND FINISHES:
BODY - BeCu, GOLD PLATING, .000030 [0.8] THICK OVER NICKEL
CONTACT - BeCu, GOLD PLATING, .000030 [0.8] THICK OVER NICKEL
INSULATOR - PTFE
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 26.5 GHz
C. VSWR(RETURN LOSS): 1.2 (20.8 dB), MAX. DC-18GHz
1.35 (15.6 dB), MAX. 18-26.5GHz
D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.
3. PHYSICAL:
A. DURABILITY: 100 CYCLES MIN.
B. ENGAGEMENT FORCE: 15 LB [67 N] MAX
C. DISINGAGEMENT FORCE: 2 LB [9 N] MIN
E. TEMPERATURE RANGE: -65° C TO 165° C
4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: AMPHENOL, SMP-FR-C07, DATE CODE
5. SEE AMPHENOL SPEC 349-50687 FOR CABLE
ASSEMBLY INSTRUCTIONS.

REVISIONS

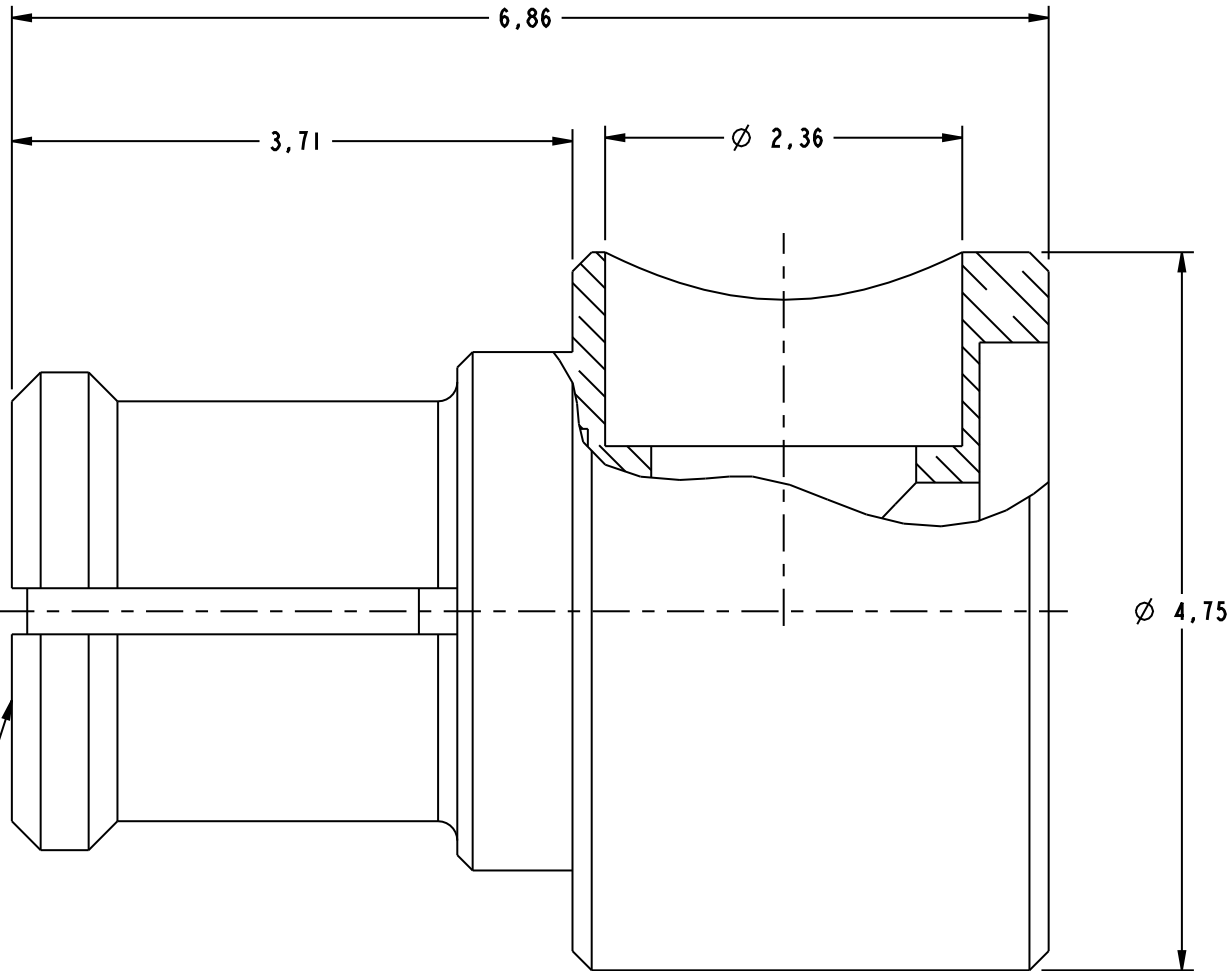
REV	DESCRIPTION	DATE	ECO	APPR
A2	SEE SHEET 1	24-Mar-05	--	SHE
B	ITEM 2 WAS CHANGED/RD-DM10011302SI	25-Jan-10	47962	AC



SCALE 4,000



INTERFACE PER-
MIL-STD-348
SERIES SMP



SECTION A-A

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 - - REFERENCE GEN# ASSYF3-SMP EAR#322 615X-1717 FINISH	DRAWN S.HE	DATE 25-Jan-10	TITLE SMP R/A FEMALE SOCKET CONTACT(FOR .086 S.R CABLE)		Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com	
		ENGINEER G.ANTONINI	DATE 24-Mar-05			DRAWING NO. SMP-FR-C07	
		APPROVED A.CHEN	DATE 25-Jan-10	SCALE: 20.0:1.0 SHEET 2 OF 2		ITEM NO. SMP-FR-C07	
		CAD FILE Root Folder/SMP/SMP-FR-C07		DWG SIZE B	REV B	PART NO. SMP-FR-C07	