

NOTES:

1. MATERIALS AND FINISHES:
BODY & CONTACT - BeCu, GOLD PLATING,
INSULATOR - PTFE, NATURAL
CAP - BRASS, GOLD PLATING
RETAINER RING - BeCu, NICKEL PLATING
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 26.5 GHz
C. VSWR (RETURN LOSS): 1.20 MAX. (-20.8 dB MIN.) @ DC - 10 GHz
1.40 MAX. (-15.6 dB MIN.) @ 10 - 18 GHz
1.50 MAX. (-14 dB MIN.) @ 18 - 26.5 GHz
D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.
3. MECHANICAL:
A. DURABILITY: 100 CYCLES MIN. WHEN MATED FULL DETENT JACK
500 CYCLES MIN. WHEN MATED LIMITED DETENT JACK
1000 CYCLES MIN. WHEN MATED A SMOOTH BORE JACK
B. TEMPERATURE RANGE: -65°C TO +165°C
C. MATING FORCES (PER DSCC #94007):
ENGAGEMENT: FULL DETENT: 15 LBS (67 N) MAX.
LIMITED DETENT: 10 LBS (45 N) MAX.
SMOOTH BORE: 2 LBS (9 N) MAX.
DISENGAGEMENT: FULL DETENT: 2 LBS (9 N) MIN.
LIMITED DETENT: 2 LBS (9 N) MIN.
SMOOTH BORE: 0.5 LBS (2.2 N) MIN.
4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, SMP-FR-C06-2, DATE CODE"
5. CABLE ASSEMBLY INSTRUCTIONS:
A. SEE AMPHENOL SPEC 349-50687.

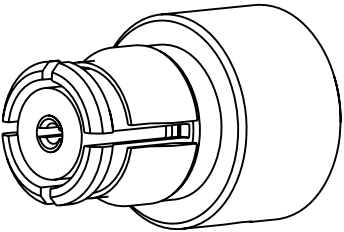
6 SHOWS CABLE ENTRY DIMENSIONS.

INTERFACE PER
MIL-STD-348
SERIES: SMP PLUG

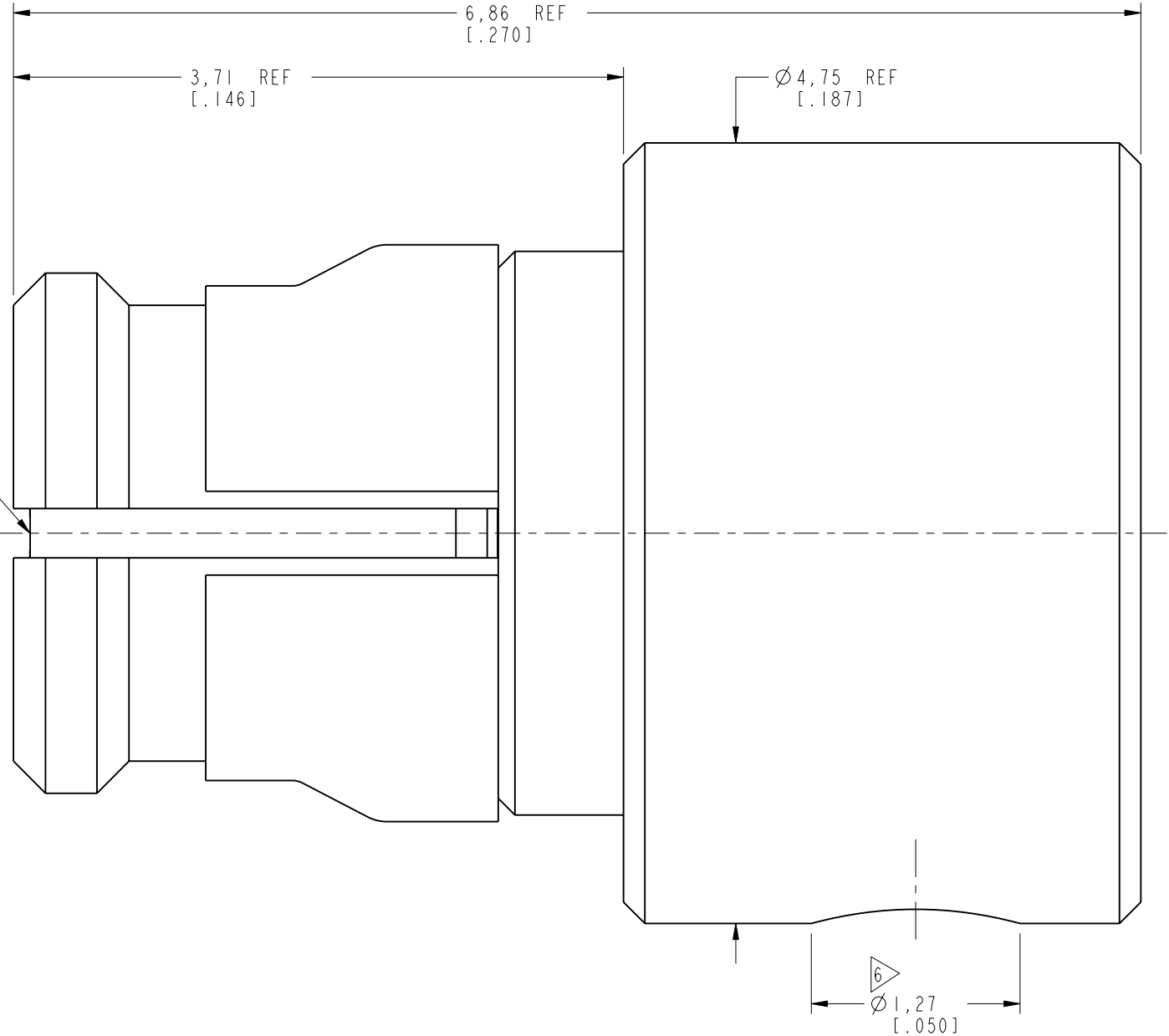
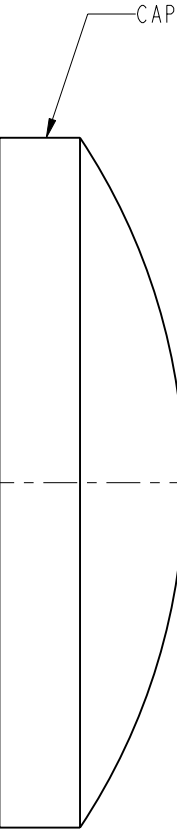
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	30-May-18	08221	BMG



SCALE 6.000



CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
<0.5mm ± 0.05mm 0.5 - 6mm ±0.1mm 6 - 30mm ±0.2mm 30 - 120mm ± 0.3mm ANGLES ±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 SEE NOTES	DRAWN K.SONG	DATE 02-Jun-18	TITLE SMP R/A PLUG WITH ANTI-ROCK RING FOR .047" SEMI RIGID CABLE		Amphenol RF www.amphenolrf.com	
	ENGINEER VIJI K	DATE 05-Dec-17				
	REFERENCE EAR # 8016 AND SMP-FR-C06	APPROVED S.HSIEH	DATE 05-Jun-18	SCALE: 26.0:1.0 SHEET 2 OF 2		DRAWING NO.SMP-FR-C06-2
	CONFIGURATION LEVEL: In Work	CAD FILE		DWG SIZE B	REV A	ITEM NO.SMP-FR-C06-2
	FINISH					PART NO.SMP-FR-C06-2