

NOTES:

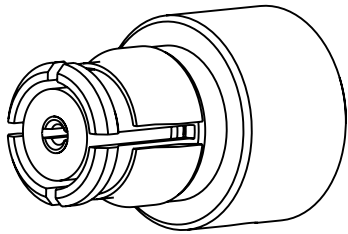
1. MATERIALS AND FINISHES:
BODY & CONTACT - BeCu, GOLD PLATING,
INSULATOR - PTFE, NATURAL
CAP - BRASS, GOLD PLATING
RETAINER RING - BeCu, NICKEL PLATING
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 26.5 GHz
C. VSWR (RETURN LOSS): 1.20 MAX. (-20.8 dB MIN.) @ DC - 10 GHz
1.40 MAX. (-15.6 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
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.

THIRD ANGLE PROJ.

REVISIONS

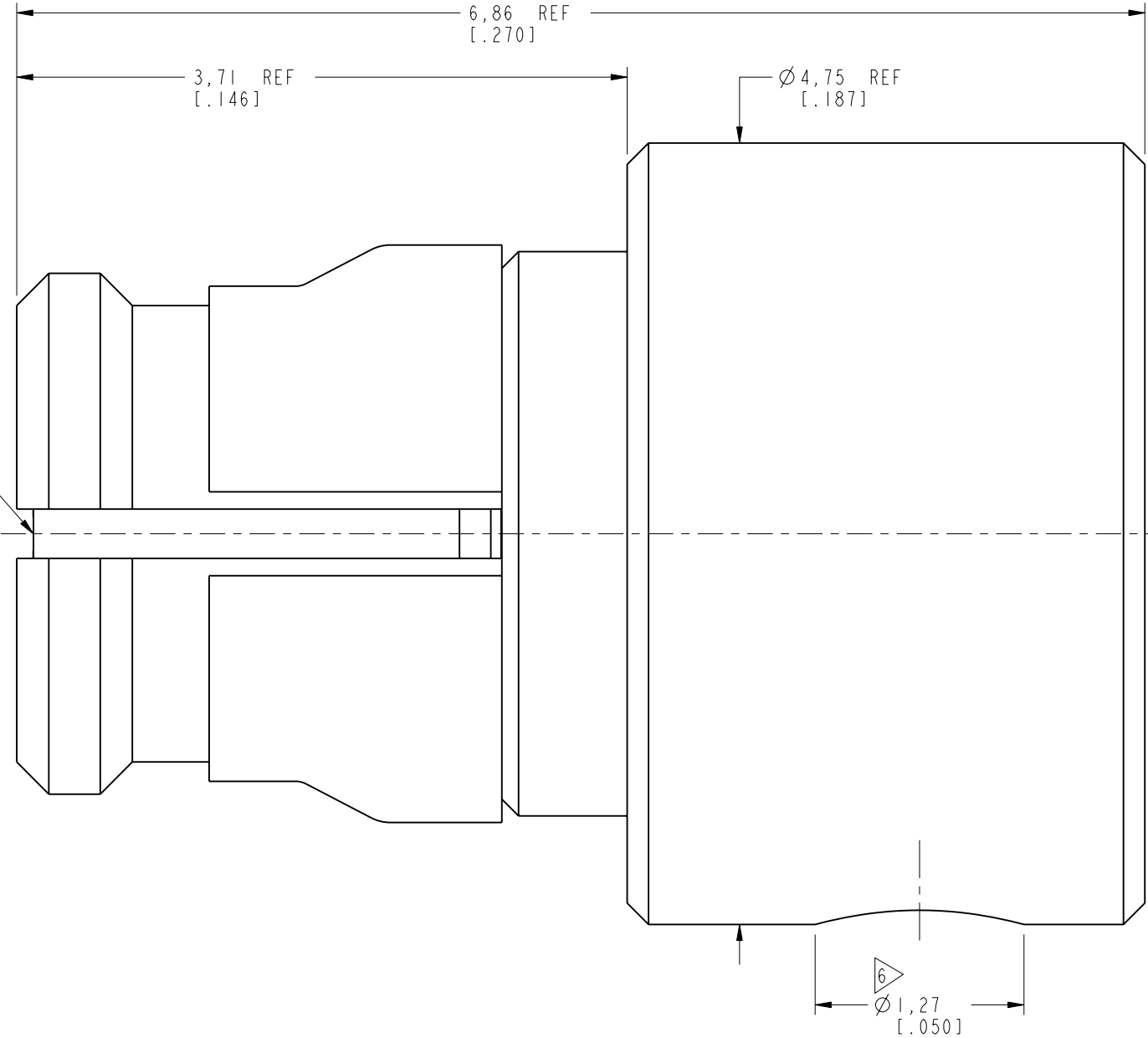
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	30-May-18	08221	BMG
B	UPDATED NOTE 3	07-May-19	11421	SH



SCALE 6.000

CAP

INTERFACE PER
MIL-STD-348
SERIES: SMP PLUG



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°

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MATERIAL SEE NOTES	DRAWN M. ZHANG	DATE 07-May-19	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 07-May-19	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 B	ITEM NO. SMP-FR-C06-2
FINISH						PART NO. SMP-FR-C06-2