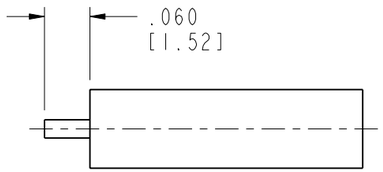
NOTES:

1. MATERIALS AND FINISHES:
   BODY - BeCu, GOLD (.000004 MIN.) OVER HIGH PHOSPHORUS ELECTROLESS NICKEL
   CONTACT - BeCu, GOLD (.000004 MIN.) OVER HIGH PHOSPHORUS ELECTROLESS NICKEL
   ROCK RING - BeCu, GOLD (.000004 MIN.) OVER HIGH PHOSPHORUS ELECTROLESS NICKEL
   INSULATOR - PTFE, NATURAL
   DIELECTRIC SPACER - PTFE, NATURAL
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 (16.5 dB), MAX. 18-26.5GHz
   D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.
3. PHYSICAL:
   A. DURABILTIY: 100 CYCLES MIN.
   B. ENGAGEMENT FORCE: 15 LB [67 N] MAX
   C. DISINGAGEMENT FORCE: 2 LB [9 N] MIN
   E. TEMERATURE RANGE: -65°C TO 165°C
4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: " AMPHENOL, SMP-FS-C07-R, DATE CODE"
5. SEE AMPHENOL SPEC 349-50685 FOR CABLE ASSEMBLY INSTRUCTIONS.

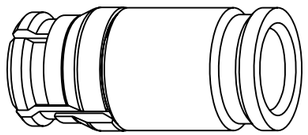
THIRD ANGLE PROJ.

REVISIONS

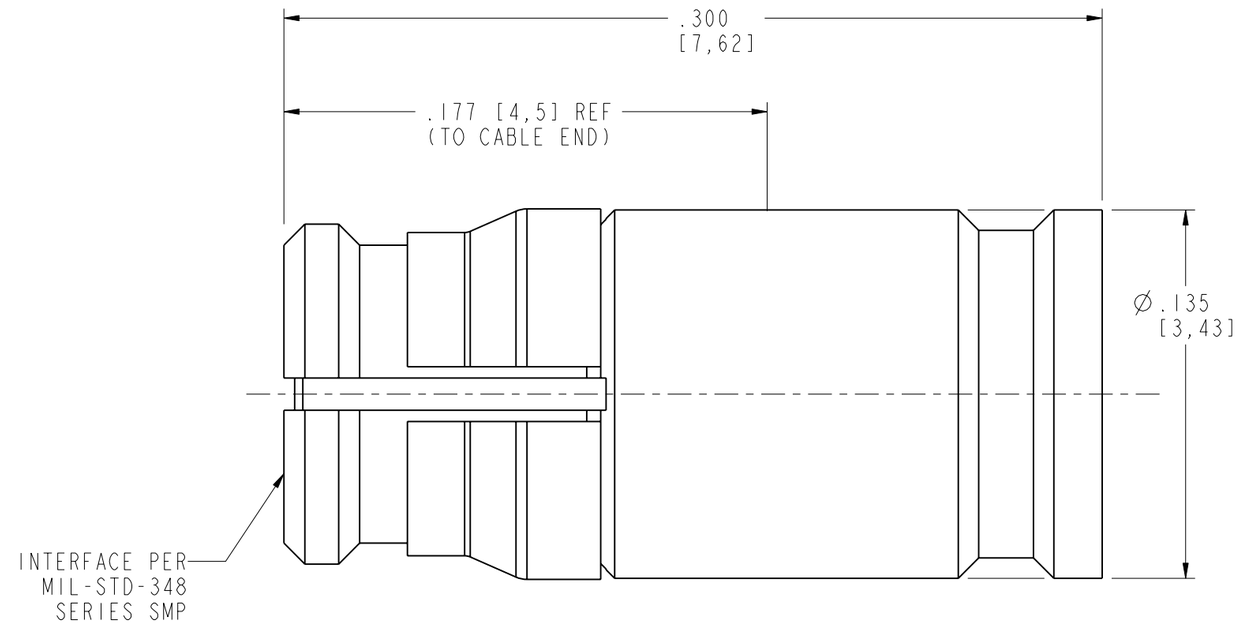
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	28-Feb-14	48692	JTS

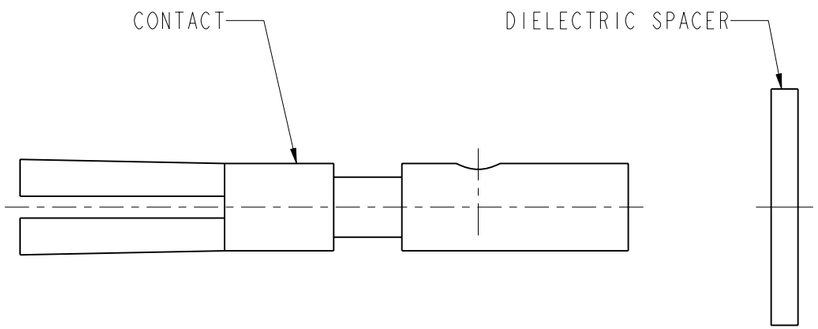


RECOMMENDED
CABLE STRIPPING DIM
SCALE 6.000



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	0.5 - 6mm	6 - 30mm	30 - 120mm	ANGLES
± 0.05mm	±0.1mm	±0.2mm	± 0.3mm	±1°

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MATERIAL
SEE NOTES.

REFERENCE
EAR # 4837 AND SMP-FS-C07

CONFIGURATION LEVEL: □□□

FINISH

DRAWN M.ZHANG	DATE 28-Feb-14
ENGINEER T. SMITH	DATE 19-Jul-11
APPROVED S.HSIEH	DATE 04-Mar-14
CAD FILE	

TITLE
SMP WITH ROCK-RING
SOCKET CONTACT
TO .086 S/R CABLE

SCALE: 18.0:1.0 SHEET 2 OF 2

DWG SIZE B

REV A

Amphenol RF
www.amphenolrf.com

DRAWING NO. SMP-FS-C07-R
ITEM NO. SMP-FS-C07-R
PART NO. SMP-FS-C07-R