NOTES:

1. MATERIALS AND FINISHES:
   BODY & CONTACT - BeCu, GOLD PLATING
   REAR BODY - BRASS, GOLD PLATING
   INSULATORS - PTFE, NATURAL
   FERRULE - COPPER, NICKEL PLATING
   RETAINING RING - BeCu, NICKEL PLATING

2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM
   B. FREQUENCY RANGE: DC - 6 GHz
   C. VSWR (RETURN LOSS): -20 dB MIN. @ DC - 6 GHz

3. MECHANICAL:
   A. DURABILITY: 100 CYCLES MIN.
   B. TEMPERATURE RANGE: -65°C TO +165°C

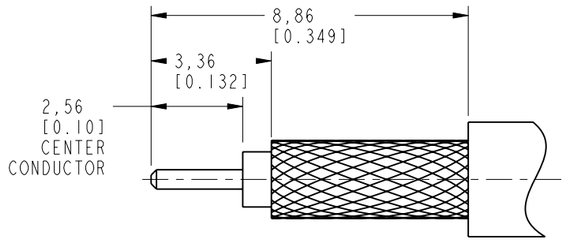
4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
      "AMPHENOL RF,SMP-FS-C08-1-R AND DATE CODE"
   C. CONTACT PIN AND FERRULE ARE PACKAGED LOOSE.

5. CABLE ASSEMBLY INSTRUCTIONS:
   A. TRIM CABLE AS SHOWN.
   B. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.
   C. CRIMP FERRULE WITH 0.128" HEX.

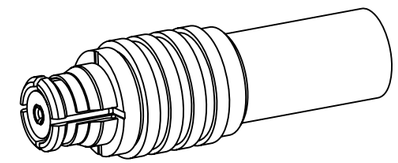
6 SHOWS CABLE ENTRY DIMENSIONS.

THIRD ANGLE PROJ.

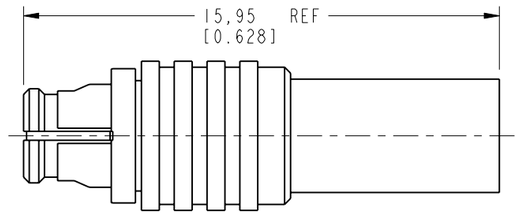
REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	15-Apr-15	50495	JTS
B	FREQUENCY UPDATED TO 6 GHz	16-Nov-16	02424	NR
C	DOCUMENTATION CHANGE	16-Nov-16	02641	BMG
D	ADDED RETURN LOSS SPEC.	19-Jun-19	11921	SV



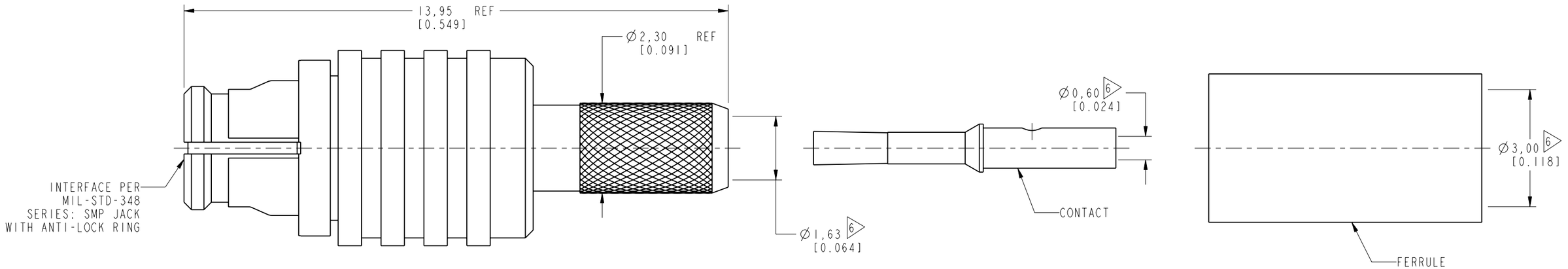
RECOMMENDED CABLE STRIPPING DIMENSIONS



SCALE 4.000



ASSEMBLED VIEW



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# 4720.2
	REF: --
CONFIGURATION LEVEL: In Work	
FINISH	

DRAWN	S.DUAN	DATE 22-Jun-19
ENGINEER	SUNDE	DATE 22-Apr-15
APPROVED	S.HSIEH	DATE 25-Jun-19
CAD FILE		

TITLE	SMP STR PLUG WITH FEMALE CONTACT FOR RG 316 CABLE	
SCALE: 10.0:1.0	SHEET 2 OF 2	
DWG SIZE	B	REV D

Amphenol RF
www.amphenolrf.com

DRAWING NO.	SMP-FS-C08-1-R
ITEM NO.	SMP-FS-C08-1-R
PART NO.	SMP-FS-C08-1-R