

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

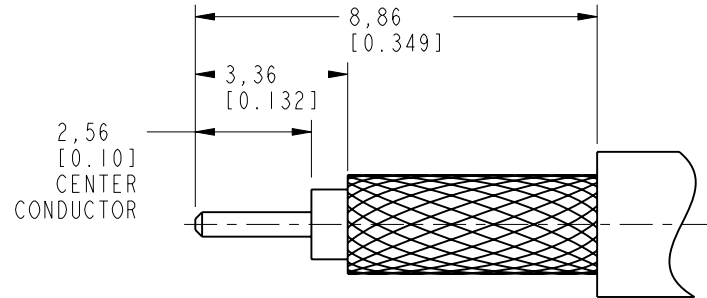
4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, SMP-FS-C08-1-R AND DATE CODE"
C. CONTACT PIN AND FERRULE ARE PACKAGED LOOSE.

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

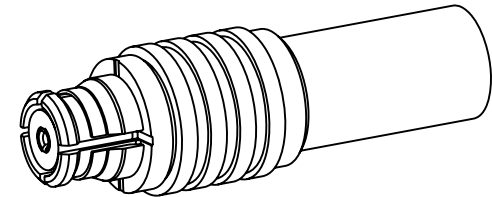
6 SHOWS CABLE ENTRY DIMENSIONS.

THIRD ANGLE PROJ.

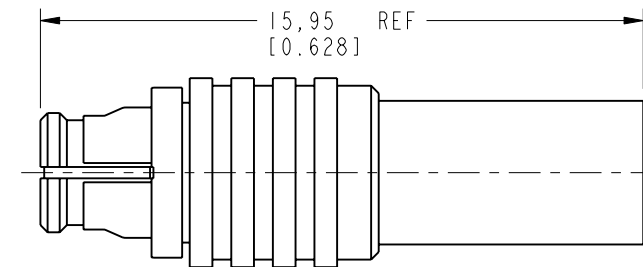
REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	15-Apr-15	50495	JTS
B	FREQUENCY UPDATED TO 6 GHz	16-Nov-16	02424	NR
C	DOCUMENTATION CHANGE	16-Nov-16	02641	BMG
D	ADDED RETURN LOSS SPEC.	19-Jun-19	11921	SV



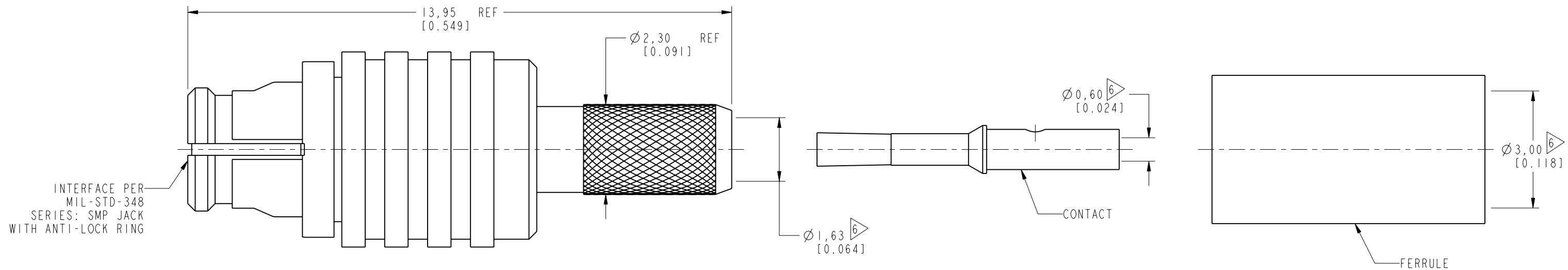
RECOMMENDED CABLE STRIPPING DIMENSIONS



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°				MATERIAL SEE NOTES		DRAWN S. DUAN		DATE 22-Jun-19		TITLE SMP STR PLUG WITH FEMALE CONTACT FOR RG 316 CABLE				Amphenol RF www.amphenolrf.com			
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.				REFERENCE EAR# 4720.2 REF: --		ENGINEER SUNDE		DATE 22-Apr-15									
								CONFIGURATION LEVEL: In Work						APPROVED S. HSIEH		DATE 25-Jun-19	
				FINISH		CAD FILE				DWG SIZE B		REV D		ITEM NO. SMP-FS-C08-1-R			
														PART NO. SMP-FS-C08-1-R			

Mouser Electronics

Authorized Distributor

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