

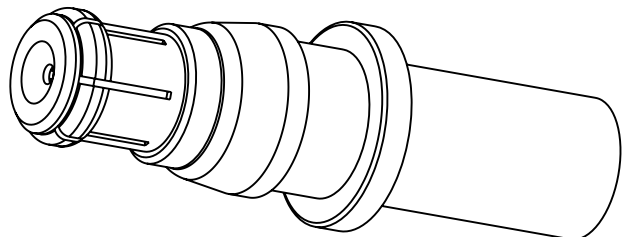
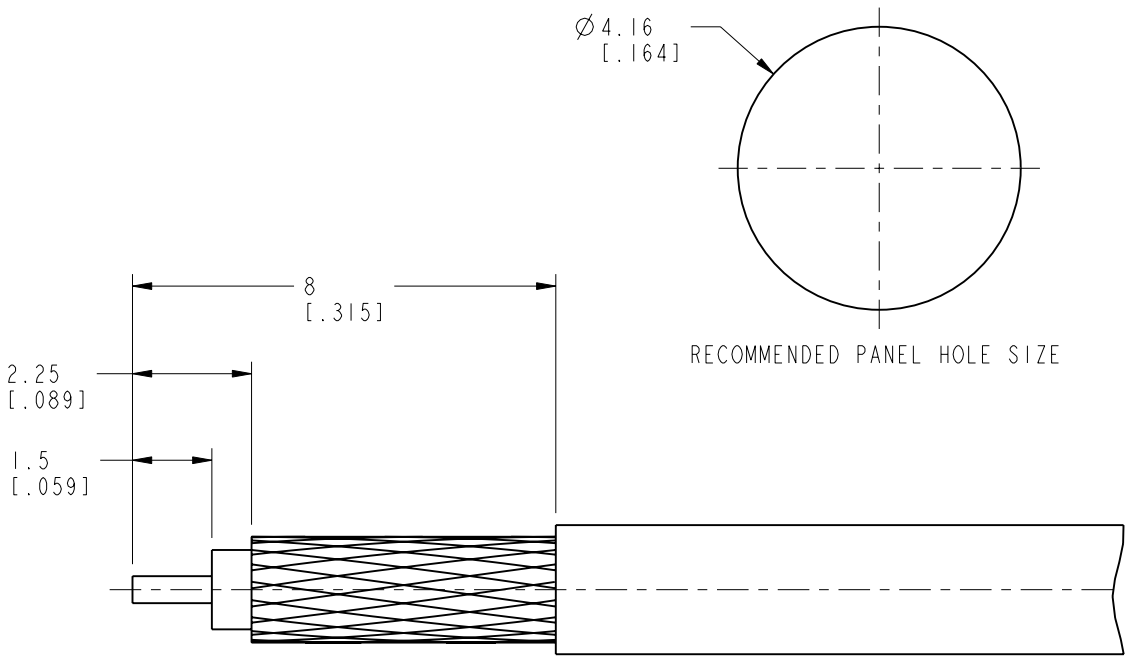
NOTES:

1. MATERIALS AND FINISHES:
BODY - BERYLLIUM COPPER, GOLD PLATING
CONTACT - BERYLLIUM COPPER, GOLD PLATING
SPRING RING - BERYLLIUM COPPER, NICKEL PLATING
FERRULE - COPPER, NICKEL PLATING
INSULATOR - PTFE, NATURAL
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 6 GHz
C. VSWR(RETURN LOSS): 1.14 (-24 dB) @ DC - 2 GHz
1.22 (-20 dB) @ 2 - 4 GHz
1.38 (-16 dB) @ 4 - 6 GHz
D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.
E. POWER HANDLING: 40 W MAX. @ 2.6 GHz AT 85°C
3. MECHANICAL:
A. DURABILITY: 200 CYCLES MIN. FOR SMOOTH BORE
50 CYCLES MIN FOR LIMITED DETENT
B. TEMPERATURE RANGE: -55°C TO +125°C
4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: PACKAGING TO BE MARKED
"AMPHENOL RF, 920-510P-51S & DATE CODE"
5. CRIMPED FERRULE
HEX CRIMP SIZE .128"
6. SOLDER CONTACT TO CABLE CENTER CONDUCTOR

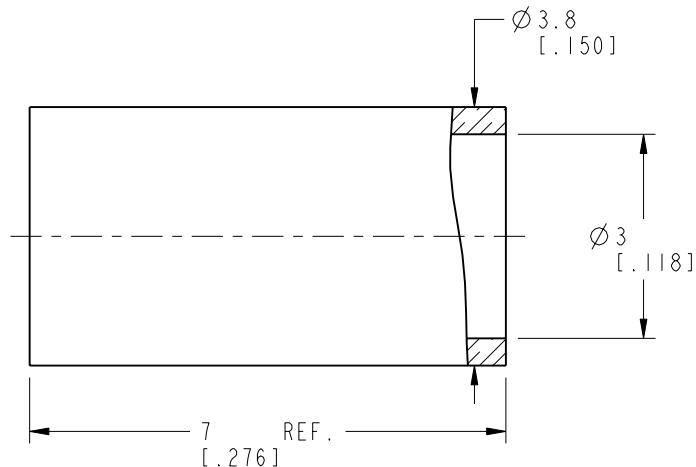
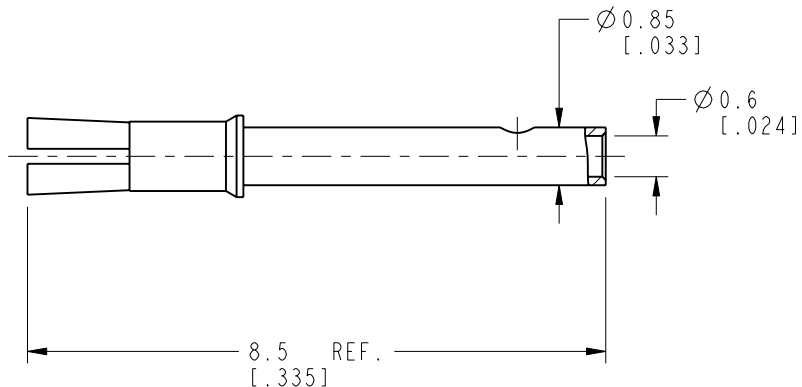
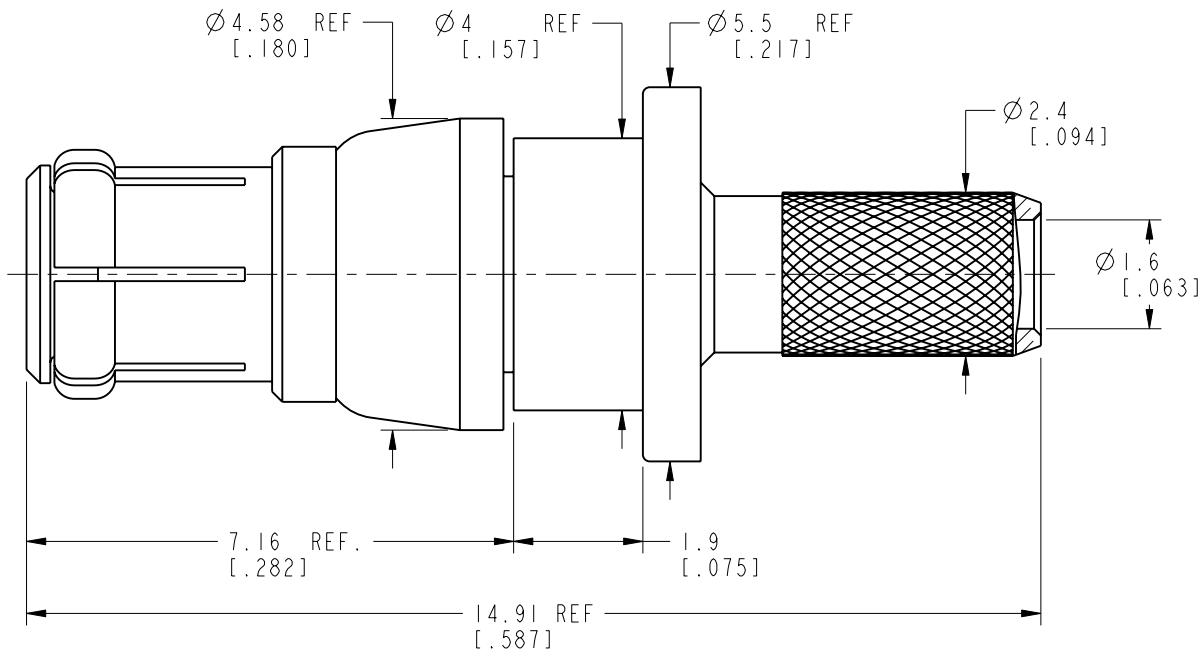
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	25-Apr-19	11305	EH



SCALE 5.000



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	DRAWN	DATE	TITLE		Amphenol RF www.amphenolrf.com	
	NOTE 1	M. ZHANG	25-Apr-19				
	REFERENCE	E. HILL	27-Dec-18	HD-EFI PLUG FOR RG-316 CABLE		DRAWING NO. 920-510P-51S	
	EAR# 8405	APPROVED	DATE			ITEM NO. 920-510P-51S	
	REF: ---	S.HSIEH	28-Apr-19	SCALE: 9.0:1.0		PART NO. 920-510P-51S	
CONFIGURATION LEVEL: In Work		CAD FILE		DWG SIZE		REV	
FINISH				B		A	