

## NOTES:

1. MATERIALS AND FINISHES:  
 BODY - BRASS, NICKEL PLATING  
 HEX NUT & LOCKWASHER - STAINLESS STEEL, PASSIVATED  
 CONTACT - BeCu, GOLD PLATING  
 INSULATOR - PTFE, NATURAL  
 FERRULE - COPPER, NICKEL PLATING  
 GASKET & O-RING - SILICONE RUBBER, RED

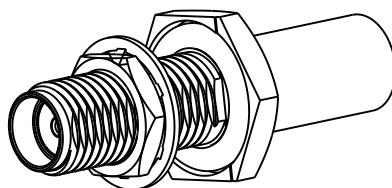
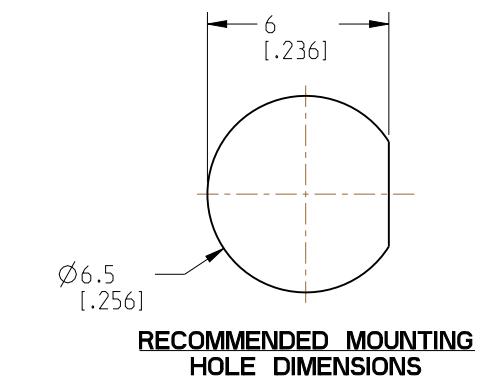
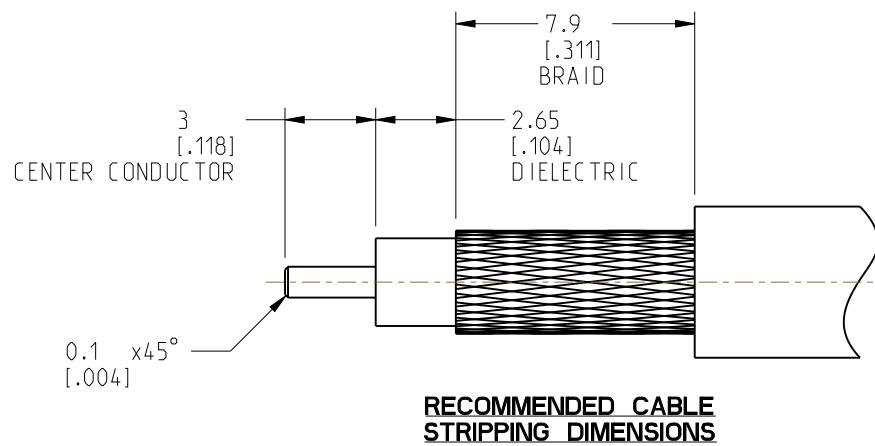
2. ELECTRICAL:  
 A. IMPEDANCE: 50 OHMS  
 B. FREQUENCY RANGE: DC - 6 GHz  
 C. VSWR(RETURN LOSS): 1.30 MAX. @ DC - 6 GHz  
 D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

3. MECHANICAL:  
 A. DURABILITY: 500 CYCLES MIN.  
 B. TEMPERATURE RANGE: -65°C TO +165°C  
 C. SEALING: MEETS IP-67 REQUIREMENTS IN UNMATED CONDITION

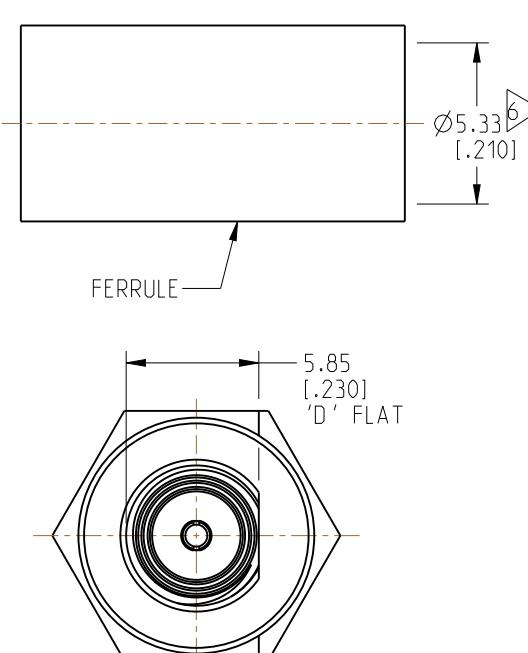
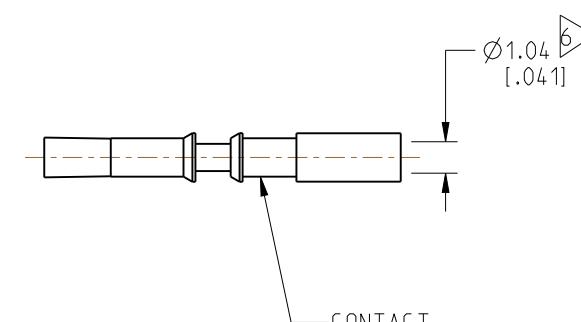
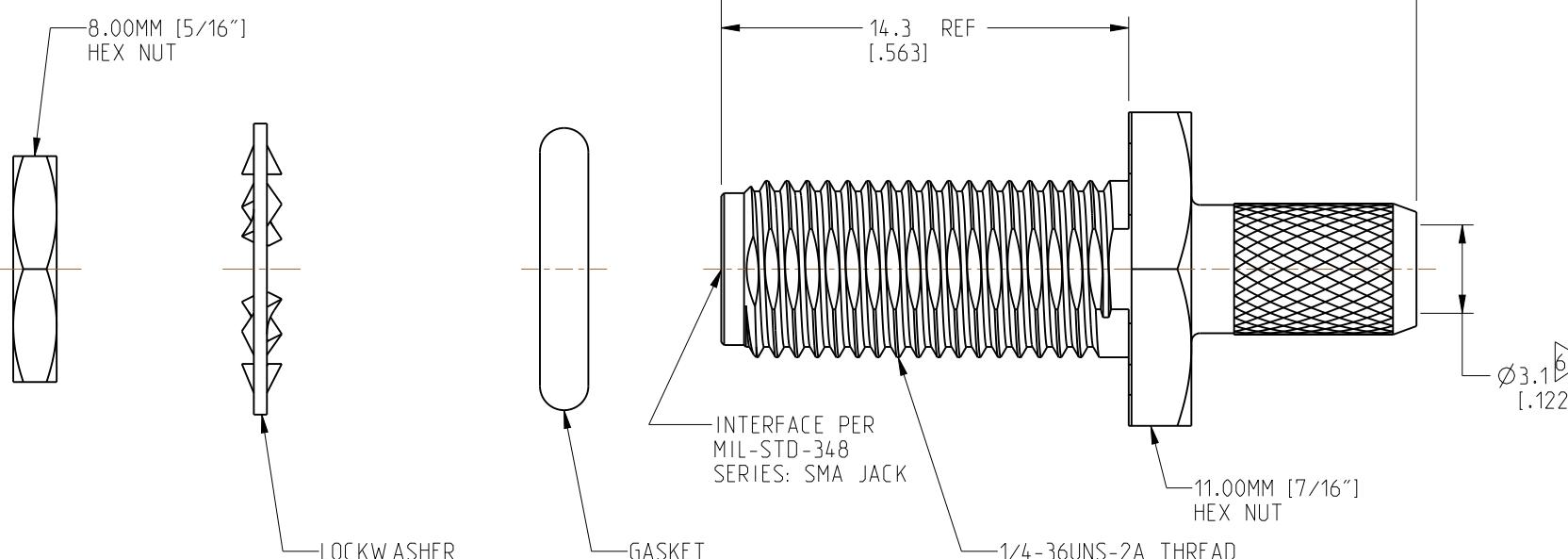
4. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: PACKAGING TO BE MARKED  
 "AMPHENOL RF, 901-10746 & DATE CODE"

5. CABLE ASSEMBLY INSTRUCTIONS:  
 A. TRIM CABLE AS SHOWN.  
 B. SLIDE FERRULE ONTO CABLE.  
 C. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.  
 D. INSERT CABLE, UNTIL IT BOTTOMS, WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNUURL.  
 E. CRIMP FERRULE OVER BRAID WITH .213" HEX.

## 6. CABLE ENTRY DIMENSIONS.



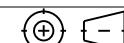
SCALE 2.000



## PRELIMINARY ISSUE

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THIRD ANGLE PROJ.



REFERENCE

901-10698-X

EAR#

10071

UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE:  
 <0.5mm = ±0.05mm [0.020 = ±0.002]  
 >0.5 - 6mm = ±0.1mm [0.020 - 0.236 = ±0.004]  
 >6.00 - 30mm = ±0.2mm [0.236 - 1.181 = ±0.008]  
 >30.00 - 120mm = ±0.3mm [1.181 - 4.725 = ±0.012]

ANGLES = ±1°

MATERIAL  
 SEE NOTES

TITLE  
 SMA BHD JACK IP67  
 FOR RG-58 CABLE

Amphenol RF

SIZE	DRAWING NO.	ITEM NO.	PART NO.	REV
				1
B	901-10746	901-10746	901-10746	