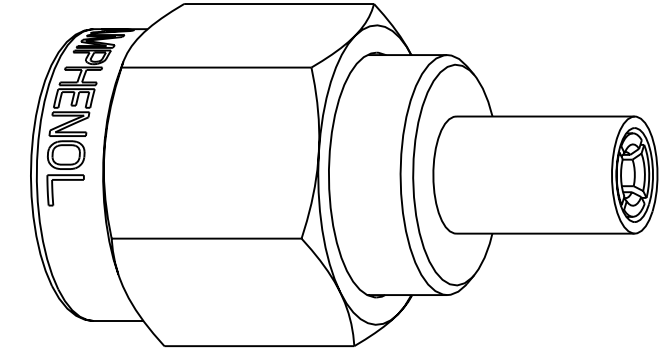


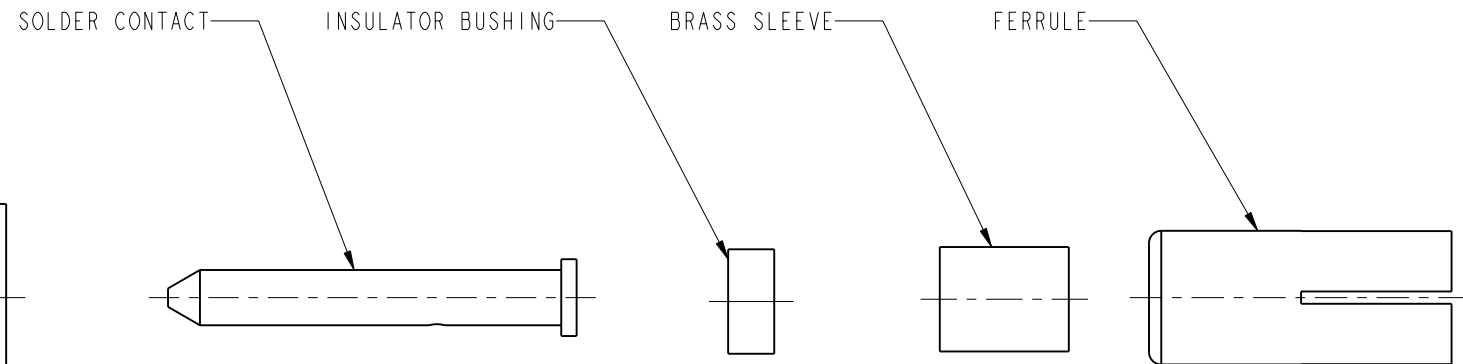
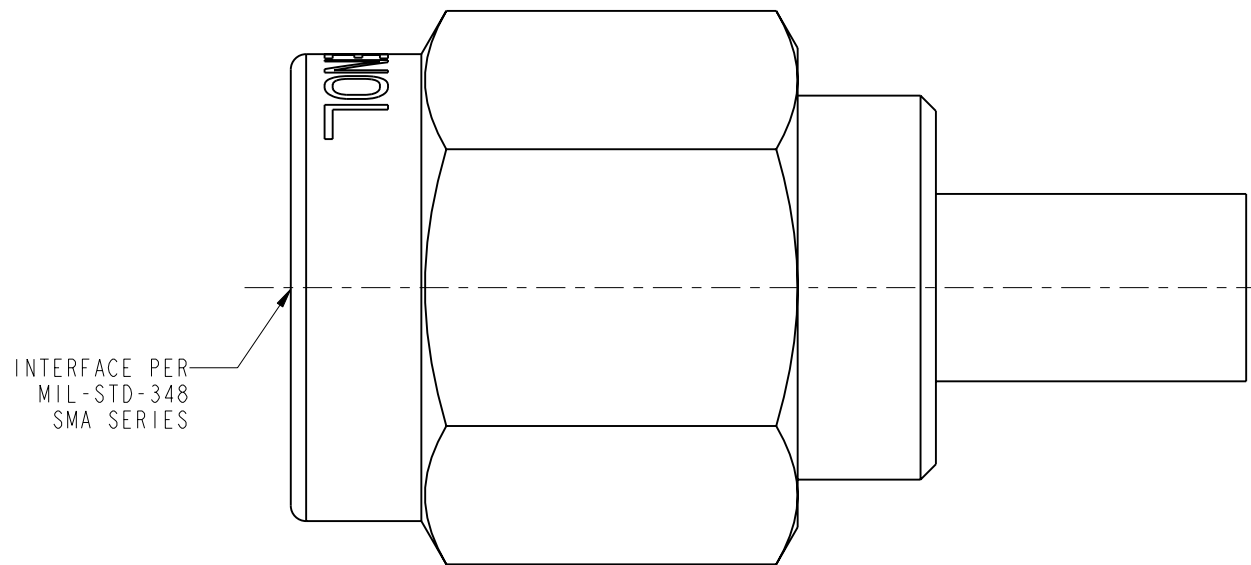
NOTES:

1. MATERIALS AND FINISHES:
  - BODY, SLEEVE, FERRULE - BRASS, GOLD PLATING (.000003 THICK MIN.)
  - COUPLING NUT - BRASS, GOLD PLATING (.000010 THICK MIN.)
  - RETAINING RING - BeCu
  - GASKET - SILICONE, RED
  - CONTACT - BRASS, GOLD PLATING (.000030 THICK MIN.)
  - INSULATORS - PTFE
2. ELECTRICAL:
  - A. IMPEDANCE: 50 OHM
  - B. FREQUENCY RANGE: DC - 6 GHz
  - C. VSWR(RETURN LOSS): 1.3 - 3 GHz MAX.  
1.4 - 6 GHz MAX.
  - D. DIELECTRIC WITHSTANDING VOLTAGE: 750 VRMS, MIN.
3. MECHANICAL:
  - A. DURABILITY: 500 CYCLES MIN.
  - B. TEMPERATURE RANGE: -65° C TO 165° C
4. PACKAGING:
  - A. QUANTITY: SINGLE PACK
  - B. MARKING: BAG TO BE MARKED  
"AMPHENOL, 901-10107, AND DATE CODE"
5. ASSEMBLY:
  - A. STRIP CABLE TO DIMENSIONS SHOWN
  - B. INSERT THROUGH INNER FERRULE, AND PEEL BRAID BACK, OVER INNER FERRULE
  - C. INSTALL BRASS SLEEVE, THEN INSULATOR BUSHING OVER CABLE DIELECTRIC, BOTTOMING ON INNER FERRULE
  - D. SOLDER CONTACT TO CABLE CENTER CONDUCTOR, BOTTOMING ON INSULATOR
  - E. INSERT CABLE INTO CONNECTOR UNTIL IT BOTTOMS
  - F. CRIMP BODY OVER INNER FERRULE USING .105 HEX

901-10107		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	A	RELEASE TO MFG.	7/18/03	44551	KJC



SCALE 5.000



**RECOMMENDED CABLE STRIPPING DIMENSIONS**



SCALE 10.000

**CUSTOMER OUTLINE DRAWING**  
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL ±.015 (0,381 mm) 3 PLACE DECIMAL ±.005 (0,127 mm) ANGLES ± 1°	MATERIAL	DRAWN K. CAPOZZI	DATE 08-Apr-03	TITLE SMA (M) STR TO TCB-068 CABLE	Amphenol Amphenol Corporation Communication and Network Products Division Danbury, CT U.S.A. 06810
	REFERENCE EAR #882 ASSYM45_SMA 615X-1917-100	ENGINEER K. CAPOZZI	DATE 08-Apr-03		
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		CAD FILE I:\SMA\901-10107	CODE ID 74868	DWG SIZE B	DRAWING NO. 901-10107