

NOTES:

1. MATERIALS AND FINISHES:
BODY, COUPLING NUT & CAP = STAINLESS STEEL, GOLD PLATING (.000004 THICK MIN)
CONTACT = BeCu, GOLD PLATING (.000004 THICK MIN)
INSULATOR = PTFE
FERRULE = BRASS, GOLD PLATING (.000004 THICK MIN)
GASKET = SILICONE RUBBER
RETAINING RING = BeCu, WAX DIPPED

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 18 GHz
C. VSWR(RETURN LOSS): 1.10 + .01f (GHz), MAX.
D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

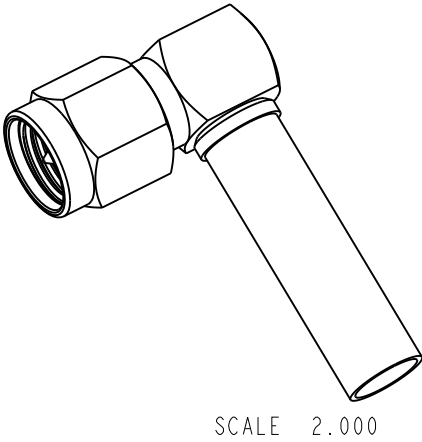
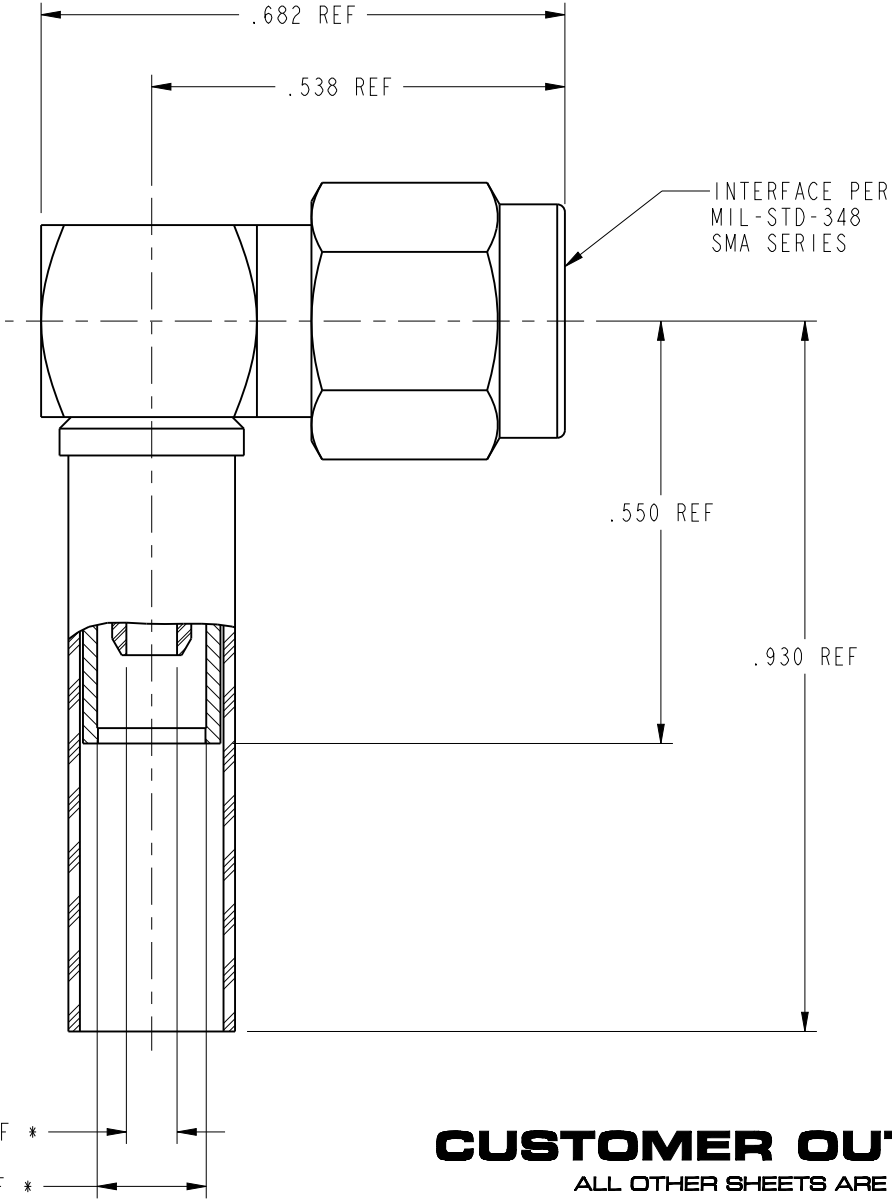
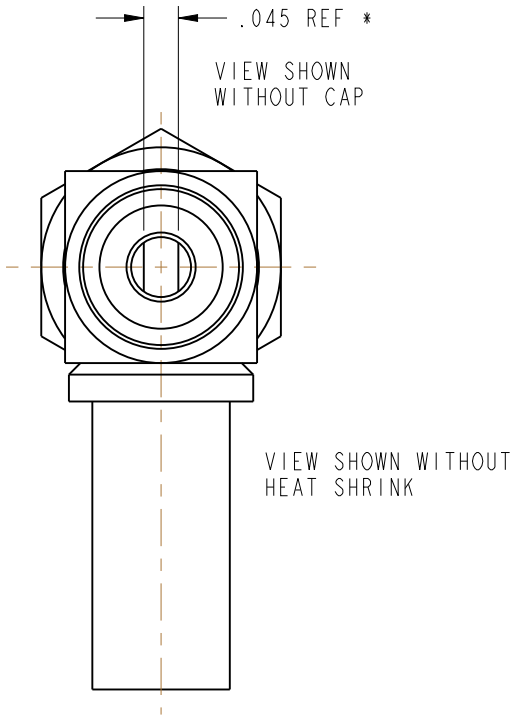
3. MECHANICAL:
A. DURABILITY: 500 CYCLES MIN.
B. TEMPERATURE RANGE: -65° C TO 165° C

4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL, PN:5, AND DATE CODE"

5. FOR CABLE STRIPPING AND ASSEMBLY INSTRUCTIONS SEE
AMPHENOL SPEC 349-50180, SHEET 45. CRIMP WITH TOOL
227-944, AND DIE SET 227-1221-37, CAVITY 'B', (.151 HEX).

6. ASTERICK (*) INDICATES CABLE ENTRY DIMENSIONS.

901-9531-12		REVISIONS			
DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR
THIRD ANGLE PROJ.	--	RELEASE TO MFG.	-----	-----	----
	M	SEE SHEET 1.	3/18/04	44859	CPM
	N	SEE SHEET 1.	7/10/06	46155	CPM
	P	ADD NOTE 6 & CABLE ENTRY DIM'S	8/7/12	49022	CPM



CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES ±.015 (0,381 mm) ±.005 (0,127 mm) ± 1°	MATERIAL	DRAWN C. McGRATH	DATE 3/10/04	TITLE SMA (MALE) CRIMP RIGHT ANGLE FOR MI7/152-00001 CABLE		Amphenol RF Danbury, CT, USA Tainan, Taiwan Shenzhen, China www.amphenolrf.com	
	REFERENCE	ENGINEER D. ROYCE	DATE 2/24/93				
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		CAD FILE I:\SMA\901-9531-12		CODE ID 74868	DWG SIZE B	DRAWING NO. 901-9531-12	REV P