## REVISIONS NOTES: 901-9531-12 DRAWING NO REV DESCRIPTION DATE ECO APPR I. MATERIALS AND FINISHES: THIRD ANGLE PROJ. $\oplus$ RELEASE TO MFG ------ - -BODY, COUPLING NUT & CAP = STAINLESS STEEL, GOLD PLATING (.000004 THICK MIN) CONTACT = BeCu, GOLD PLATING (.000004 THICK MIN) М SEE SHEET I. 3/18/04 44859 CPM INSULATOR = PTFE N SEE SHEET I. 7/10/06 46155 CPM FERRULE = BRASS, GOLD PLATING (.000004 THICK MIN) ADD NOTE 6 & CABLE ENTRY DIM'S CPM 8/7/12 49022 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 - .682 REF — .538 REF A. QUANTITY: SINGLE PACK VIEW SHOWN B. MARKING: BAG TO BE MARKED WITHOUT CAP "AMPHENOL, PN:5, AND DATE CODE" -INTERFACE PER 5. FOR CABLE STRIPPING AND ASSEMBLY INSTRUCTIONS SEE MIL-STD-348 AMPHENOL SPEC 349-50180, SHEET 45. CRIMP WITH TOOL SMA SERIES 227-944, AND DIE SET 227-1221-37, CAVITY 'B', (.151 HEX). SCALE 2.000 6. ASTERICK (\*) INDICATES CABLE ENTRY DIMENSIONS. .550 REF VIEW SHOWN WITHOUT HEAT SHRINK .930 REF Ø .066 REF \* ───── **CUSTOMER OUTLINE DRAWING** ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY Ø .142 REF \* — TITLE UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: MATERIAL DRAWN DATE Amphenol RF 2 PLACE DECIMAL 3 PLACE DECIMAL ANGLES C. McGRATH 3/10/04 SMA (MALE) CRIMP $\pm .015$ (0,381 mm) $\pm .005$ (0,127 mm) Danbury, CT, USA Tainan, Taiwan NOTICE - These drawings, specifications, or other data (I) are, and remain the property of Amphenol Corp. (2) must be returned upon request; and (3) are ENGINEER DATE RIGHT ANGLE FOR D. ROYCE 2/24/93 Shenzhen, China confidential and not to be disclosed to any person other than those to whom they MI7/I52-00001 CABLE REFERENCE 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 or permitting such holder or any other person to manufacture, use or sell any www.amphenolrf.com APPROVED DATE F.S. HULL 1/25/90 SCALE: 4.0:1 SHEET 2 OF 2 CAD FILE CODE ID DWG SIZE DRAWING NO. REV product, process or design, patented or otherwise, that may in any way be related to 901-9531-12 1:\SMA\901-9531-12 74868 or disclosed by said drawings, specifications, or other data.