31-6148 REVISIONS DRAWING NO DESCRIPTION ECO APPR **⊕ ⊲** A 8/29/06 46221 CPM/ THIRD ANGLE PROJ. RELEASE TO MFG. 1. MATERIALS AND FINISHES: BODY, WASHER, BRAID CLAMP & HEX NUT - BRASS (ASTM-B16 HO2, C36000), WHITE BRONZE PLATING CONTACT PIN - BRASS, GOLD PLATING (.000030 MIN) THICK INSULATOR - PTFE PER ASTM D 1710 OR EQUIV. GASKET - SILICONE RUBBER, COLOR RED 2. ELECTRICAL: A. IMPEDANCE: 50 DHM DC - 11 GHz B. FREQUENCY RANGE: 4.50 [0.177] -4.50 [0.177] 3. MECHANICAL: A. TEMPERATURE RANGE: -65° C TO +165° C 4. PACKAGING: A. QUANTITY: SINGLE PACK B. MARKING: BAG TO BE MARKED 'AMPHENOL, 31-6148, AND DATE CODE RECOMMENDED CABLE 5. CRIMPED CONTACT PIN = HEX CRIMP SIZE .100 IN STRIPPING DIMS 7/16-28UNEF-2B 2.10 [0.327]_ ±0.07 492] 14.50 [0.571] <u>.</u> 20 8.3 <u>~</u> -10.50 [.414] 10.00 [0.394] 2.80 [0.110] -2.50 [.099] 11 ON FLATS [0.390] [0.221] [0.210] [0.390] 24.00 [.945] [0.181] [0.221] 11 HEX 5.33 6 61 9 9 о О Ď. 9 -6.70 [0.264] -2.54 [0.100] .51 [0.020]---4.54 [0.179] DRAWN DATE TITLE MATERIAL UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE: C. McGRATH Amphenol 4/4/05 2 PLACE DECIMAL ±.015 (0,381 mm) 3 PLACE DECIMAL ±.005 (0,127 mm) **ANGLES** TNC CLAMP PLUG DATE ENGINEER Amphenol Corporation RF/Microwave Operations Danbury, Conn. U.S.A. 06810 D. BARTHELMES 4/4/05 (FOR RG-58C/U, 58/U, 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 DATE REFERENCE 142A/U, 223/U CABLE) 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 or 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 8/25/06 BARTHELMES SCALE: 2:1 SHEET OF ISSUE DRAWING NO. DWG SIZE CODE ID Α CAD FILE H:\DEPT611\TNC\031\ASSY\6148 31-6148 В 74868 or disclosed by said drawings, specifications, or other data.