

NOTES:

1. MATERIALS AND FINISHES: (PLATING THICKNESS IN MICRO-INCHES)  
 BODY- BRASS, ALBALOY PLATING (80 MIN THICK)  
 COUPLING NUT- BRASS, ALBALOY PLATING (80 MIN THICK)  
 CENTER CONTACT-BRASS, GOLD PLATING (30 MIN THICK)  
 INSULATOR- PTFE  
 GASKET- EPDM

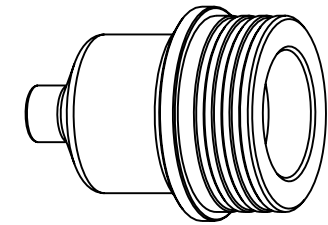
2. ELECTRICAL:  
 A. IMPEDANCE: 50 OHM  
 B. FREQUENCY RANGE: DC - 6.0 GHz  
 C. VSWR(RETURN LOSS):  
     DC-1 GHz 1.05 (32.25 dB), MAX.  
     1-6 GHz 1.10 (26.44 dB), MAX.  
 D. AVG. POWER: 1 WATT (POWER OUTPUT DERATED LINEARLY FROM 25°C TO .1 WATTS AT 125°C)  
 E. PEAK POWER: 100 WATTS (PEAK POWER FOR A 1% DUTY CYCLE OF .0005 MAX. PULSE DURATION)

3. MECHANICAL:  
 A. DURABILITY: 500 CYCLES MIN.  
 B. TEMPERATURE RANGE: -65° C TO +165° C  
 C. CENTER CONTACT AXIAL RETENTION (BOTH DIRECTIONS): 18 N MIN

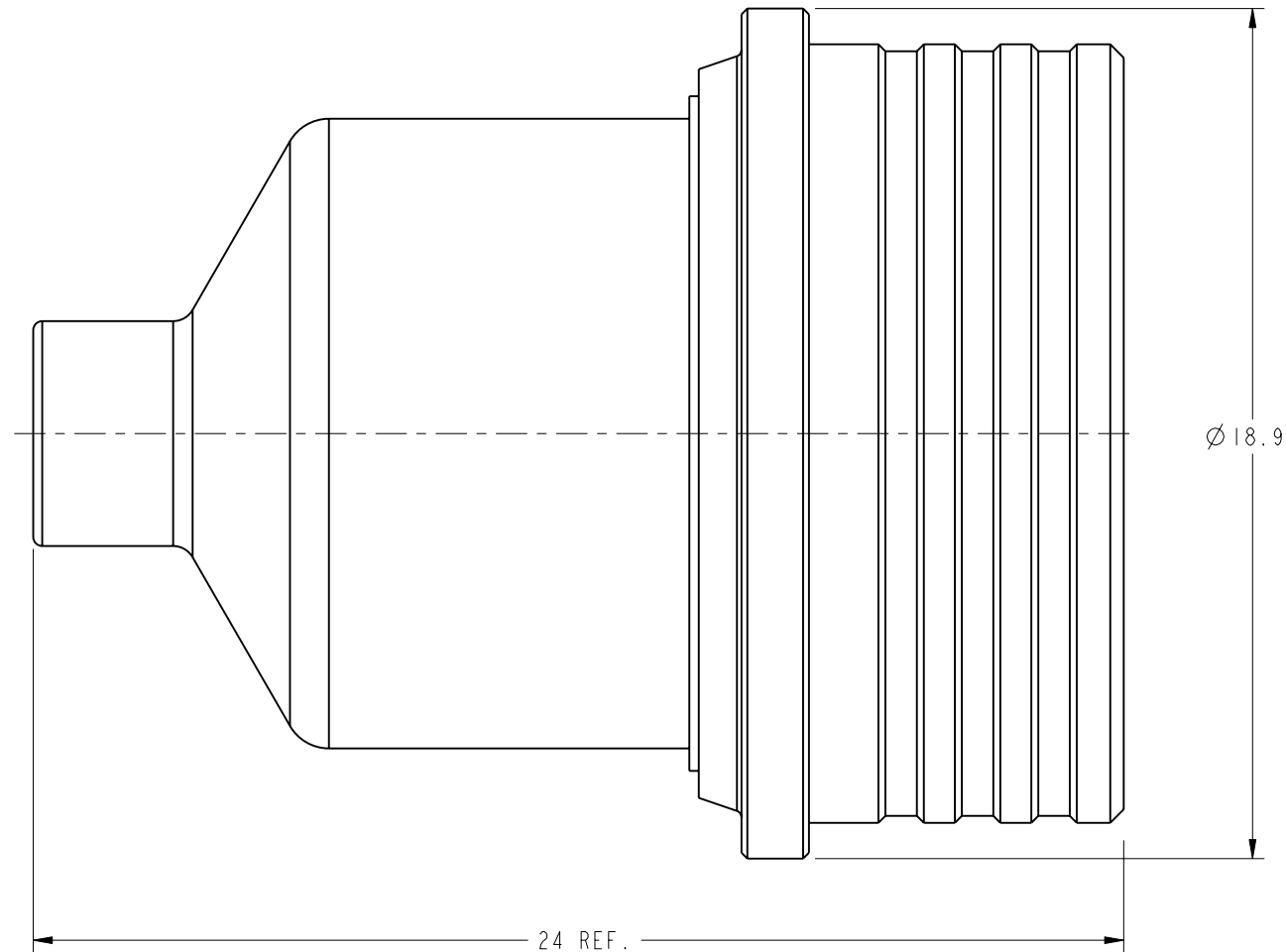
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	31-Mar-10		RS



SCALE 1.500



**CUSTOMER OUTLINE DRAWING**

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: 0.5 - 6mm ±0.1mm    6 - 30mm ±0.2mm    30 - 120mm ±0.3mm    ANGLES ±1°  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 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 to 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 or disclosed by said drawings, specifications, or other data.	MATERIAL	DRAWN R. SHANG	DATE 31-Mar-10	TITLE QN 50 OHM ±5% 1 WATT TERMINATION			Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com		
	REFERENCE	ENGINEER D. HU	DATE 1-Apr-10						
	FINISH	APPROVED S. HSIEH	DATE 1-Apr-10	SCALE: 6.0:1.0 SHEET 2 OF 2			ITEM NO. 711004AAA00AG5F		
		CAD FILE I:\QN\QN1004A1-AT30GA-50R-005-1W			DWG SIZE B	CODE ID 74868	REV A	PART NO.	