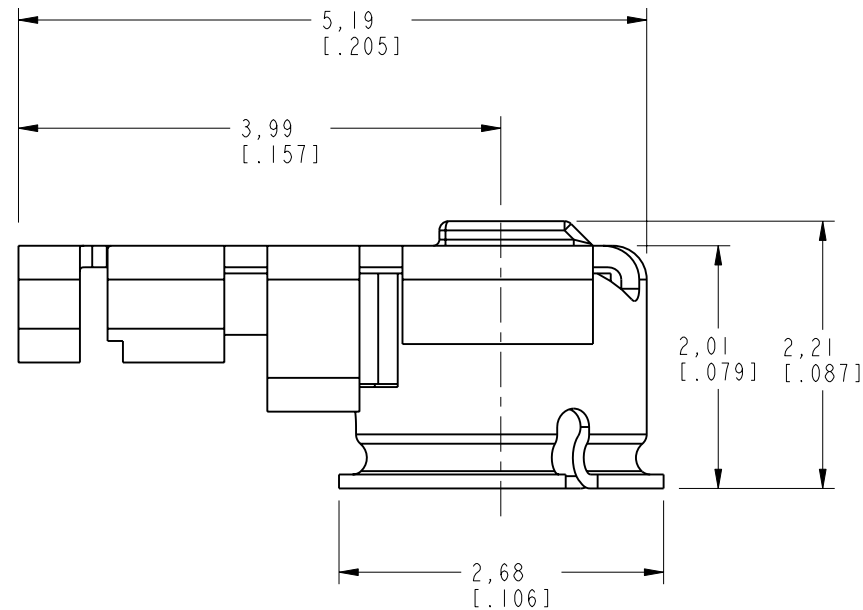
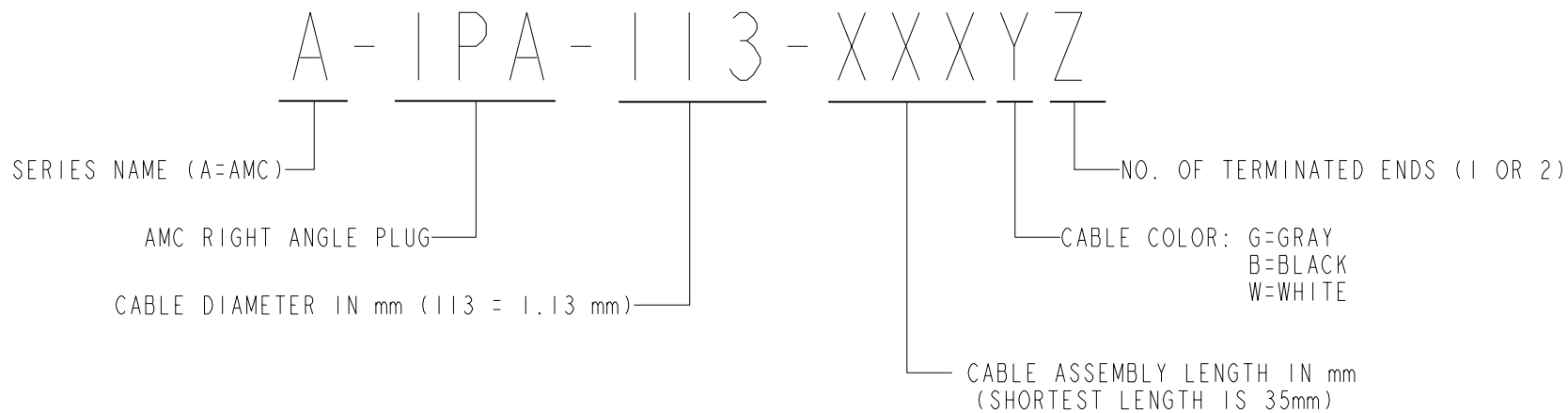


NOTES: 1. ELECTRICAL: A. IMPEDANCE: 50Ω (NOMINAL) B. FREQUENCY RANGE: 0-6 GHz C. CONTACT RESISTANCE: CENTER: 20mΩ MAX.; MEASURED AT 10mA MAX. 25 mΩ MAX AFTER CYCLING OUTSIDE: 10mΩ MAX. 15mΩ MAX AFTER CYCLING	A-IPA-113-XXXYZ		REVISIONS				
	DRAWING NO.		REV	DESCRIPTION	DATE	ECO	APPR
	THIRD ANGLE PROJ. 		A	RELEASE TO MFG.	2/20/03	44376	ORB
			B	A) ADDED CABLE MATERIAL & MATE/DEMATE NOTES	3/6/03	44396	ORB
			C	A) BODY PLATING WAS: GOLD PLATED OVER NICKEL B) NOTE 2D WAS: 25N TYPICAL	4/2/03	44402	BCG

D. INSULATION RESISTANCE: 500m Ω MIN.: MEASURED AT 100 VDC.
E. WITHSTANDIN VOLTAGE: NO LINE OR INSULATION BREAKDOWN: 200 VAC FOR 1 MIN.
F. V.S.W.R. : 1.3 MAX. AT DC TO 3GHz, 1.4 MAX. AT 3 TO 6GHz

- | | | |
|---|-----------------------|-------------------------|
| A. FEMALE CONTACT HOLDING FORCE: .15N MIN. : MEASURED WITH A Ø.475MM PIN GAUGE.
B. DURABILITY: 30 CYCLES
C. TEMPERATURE RANGE: -40°C TO +90°C.
D. AMC CONNECTOR MATING FORCE: .15N TYPICAL
E. AMC CONNECTOR DEMATING FORCE: 10N TYPICAL
F. AMC INTERFACE IS FULLY COMPATIBLE WITH "U.FL" SERIES PRODUCT. | OVERALL LENGTH L (mm) | STANDARD TOLERANCE (mm) |
| | 35<L<200 | ± 4 |
| | | |

CONNECTOR BODY: PHOSPHOR BRONZE, SILVER PLATED (0.08u MIN.) OVER COPPER (1-2u)	500 < L 1000	± 12
CONNECTOR CENTER CONTACT: PHOSPHOR BRONZE, GOLD PLATED (0.2u MIN.) OVER NICKEL (2-3u)		
CONNECTOR INSULATOR: PBT		
CABLE JACKET: FEP		
CABLE DIELECTRIC: FEP		
CABLE CENTER CONDUCTOR: 32AWG ANNEALED COPPER WIRE STRANDED, SILVER PLATED	1000 < L	±1.5 %
CABLE OUTER CONDUCTOR: ANNEALED COPPER WIRE BRAID, SILVER PLATED		



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		DATE		TITLE			Amphenol Amphenol Corporation Communication and Network Products Division Danbury, CT U.S.A. 06810		
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 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 or disclosed by said drawings, specifications, or other data.					G. ANTONINI		29-Jan-03							
			REFERENCE GEN# CASSY68		ENGINEER G. ANTONINI		DATE 29-Jan-03							
APPROVED O. BARTHELMES		DATE 2/20/03												
					CAD FILE I:\AMC\A-IPA-113-XXXYZ			CODE ID 74868		DWG SIZE B	DRAWING NO. A-IPA-113-XXXYZ		REV C	