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

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. 15 mΩ MAX AFTER CYCLING
D. INSULATION RESISTANCE: 500mΩ 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

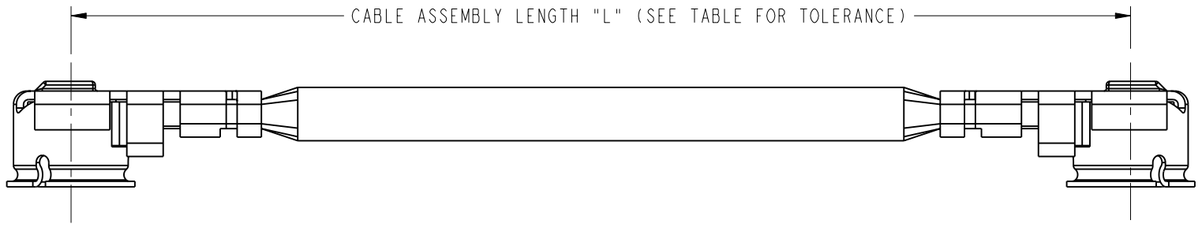
2. PHYSICAL:

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.

3. MATERIALS AND FINISHES:

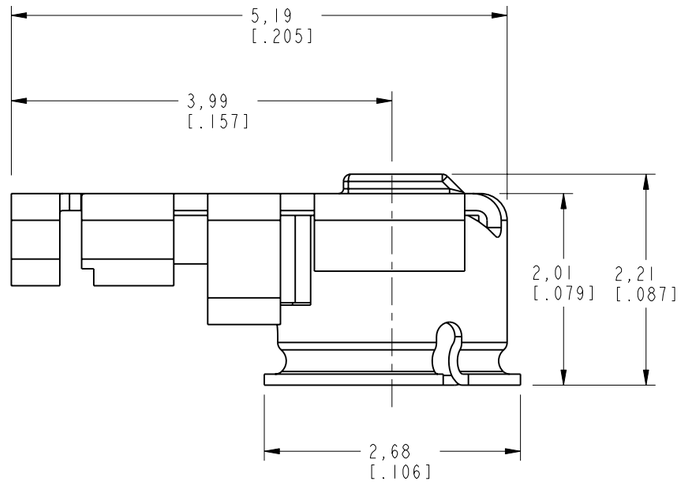
CONNECTOR BODY: PHOSPHOR BRONZE, SILVER PLATED (.08u MIN.) OVER COPPER (1-2u)
CONNECTOR CENTER CONTACT: PHOSPHOR BRONZE, GOLD PLATED (0.2u MIN.) OVER NICKEL (2-3u)
CONNECTOR INSULATOR: PBT
CABLE JACKET: FEP
CABLE DIELECTRIC: FEP
CABLE CENTER CONDUCTOR: 32AWG ANNEALED COPPER WIRE STRANDED, SILVER PLATED
CABLE OUTER CONDUCTOR: ANNEALED COPPER WIRE BRAID, SILVER PLATED

CABLE ASSEMBLY OVERALL LENGTH TOLERANCE	
OVERALL LENGTH L (mm)	STANDARD TOLERANCE (mm)
35<L<200	± 4
200 < L 500	± 8
500 < L 1000	± 12
1000 < L	±1.5 %



A-IPA-113-XXXYZ

SERIES NAME (A=AMC)
AMC RIGHT ANGLE PLUG
CABLE DIAMETER IN mm (113 = 1.13 mm)
CABLE ASSEMBLY LENGTH IN mm (SHORTEST LENGTH IS 35mm)
CABLE COLOR: G=GRAY, B=BLACK, W=WHITE
NO. OF TERMINATED ENDS (1 OR 2)



AMC RIGHT ANGLE PLUG

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:
2 PLACE DECIMAL ±.015 (0,381 mm) | 3 PLACE DECIMAL ±.005 (0,127 mm) | ANGLES ± 1°

MATERIAL

REFERENCE GEN# CASSY68

DRAWN G. ANTONINI	DATE 29-Jan-03	TITLE: RIGHT ANGLE PLUG JUMPER
ENGINEER G. ANTONINI	DATE 29-Jan-03	
APPROVED O. BARTHELMES	DATE 2/20/03	

CAD FILE I:\AMC\A-IPA-113-XXXYZ

CODE ID	DWG SIZE	DRAWING NO.	REV
74868	B	A-IPA-113-XXXYZ	C

Amphenol
Amphenol Corporation
Communication and Network Products Division
Danbury, CT U.S.A. 06810

SCALE: 8.0:1 SHEET 1 OF 1