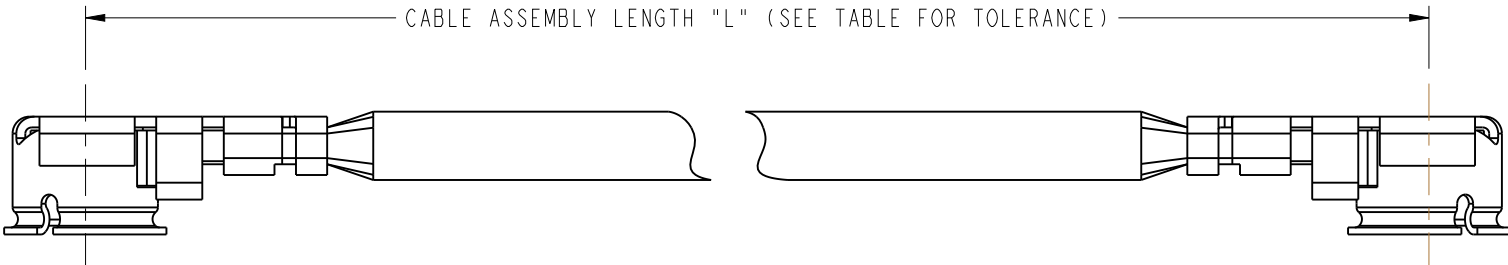


| NOTES: 1. ELECTRICAL: A. IMPEDANCE: 50Ω (NOMINAL) B. FREQUENCY RANGE: 0-6 GHz C. CONTACT RESISTANCE: CENTER: 20mΩ MAX.: MEASURED AT 10mA MAX. 25 mΩ MAX AFTER CYCLING OUTSIDE: 10mΩ MAX. 15 mΩ MAX AFTER CYCLING D. INSULATION RESISTANCE: 500MΩ MIN.: MEASURED AT 100 VDC. E. WITHSTANDIN VOLTAGE: NO LINE 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 | A-IPA-113-XXXYZ | | REVISIONS | | | | | | | | | | | | | | |
|---|-----------------------|---|-------------|-------|-----|------|---|-----------------------|-------------------------|----------|-----|-------------|-----|--------------|------|----------|--------|
| | DRAWING NO. | REV | DESCRIPTION | DATE | ECO | APPR | <div>CABLE ASSEMBLY OVERALL LENGTH TOLERANCE</div> <table><tr><th>OVERALL LENGTH L (mm)</th><th>STANDARD TOLERANCE (mm)</th></tr><tr><td>35<L<200</td><td>± 4</td></tr><tr><td>200 < L 500</td><td>± 8</td></tr><tr><td>500 < L 1000</td><td>± 12</td></tr><tr><td>1000 < L</td><td>±1.5 %</td></tr></table> | OVERALL LENGTH L (mm) | STANDARD TOLERANCE (mm) | 35<L<200 | ± 4 | 200 < L 500 | ± 8 | 500 < L 1000 | ± 12 | 1000 < L | ±1.5 % |
| | OVERALL LENGTH L (mm) | STANDARD TOLERANCE (mm) | | | | | | | | | | | | | | | |
| 35<L<200 | ± 4 | | | | | | | | | | | | | | | | |
| 200 < L 500 | ± 8 | | | | | | | | | | | | | | | | |
| 500 < L 1000 | ± 12 | | | | | | | | | | | | | | | | |
| 1000 < L | ±1.5 % | | | | | | | | | | | | | | | | |
| 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 | REMOVED BUMP ON PLUG, 4 WAS 3.99, 5.2 WAS 5.19, 1.95 WAS 2.01; MΩ WAS mΩ | 3/3/14 | 49763 | EW | | | | | | | | | | | | |



A-IPA-113-XXXYZ

SERIES NAME (A=AMC)

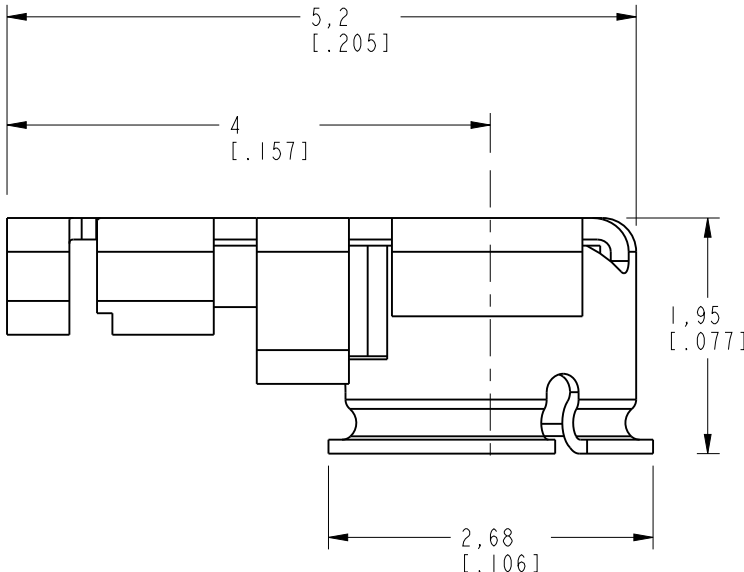
AMC RIGHT ANGLE PLUG

CABLE DIAMETER IN mm (113 = 1.13 mm)

NO. OF TERMINATED ENDS (1 OR 2)

CABLE COLOR: G=GRAY
B=BLACK
W=WHITE

CABLE ASSEMBLY LENGTH IN mm
(SHORTEST LENGTH IS 35mm)



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 | DRAWN G. ANTONINI | DATE 29-Jan-03 | TITLE RIGHT ANGLE PLUG JUMPER | | Amphenol RF Danbury, CT, USA Tainan, Taiwan Shenzhen, China www.amphenolrf.com | |
| | | ENGINEER G. ANTONINI | DATE 29-Jan-03 | | | | |
| 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. | REFERENCE GEN# CASSY68 | 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 D |