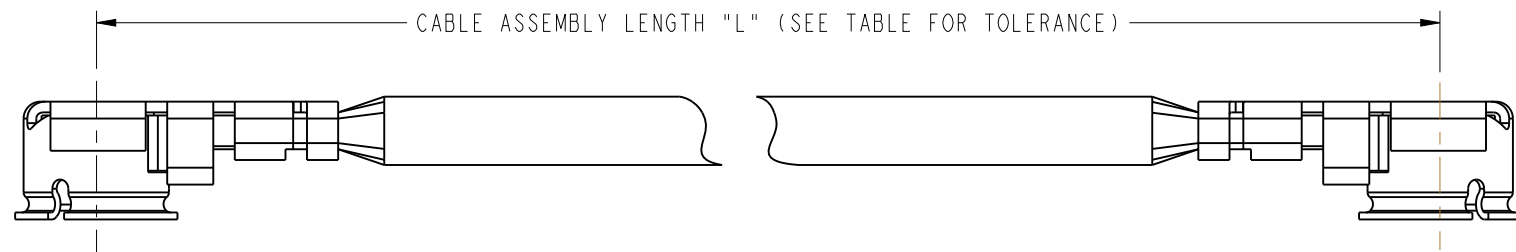


CONNECTOR BODY: PHOSPHOR BRONZE, SILVER PLATED (.08u MIN.) OVER COPPER (1-2u)
CONNECTOR CENTER CONTACT: PHOSPHOR BRONZE, GOLD PLATED (0.2u MIN.) OVER NICKEL (2-3u)
CONNECTOR INSULATOR: PBT
CABLE JACKET: FEP
CABLE DIELECTRIC: FEP
CABLE CENTER CONDUCTOR: 32AWG ANNEALED COPPER WIRE STRANDED, SILVER PLATED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



A - I P A - 1 3 2 - X X X Y Z

SERIES NAME (A=AMC) —

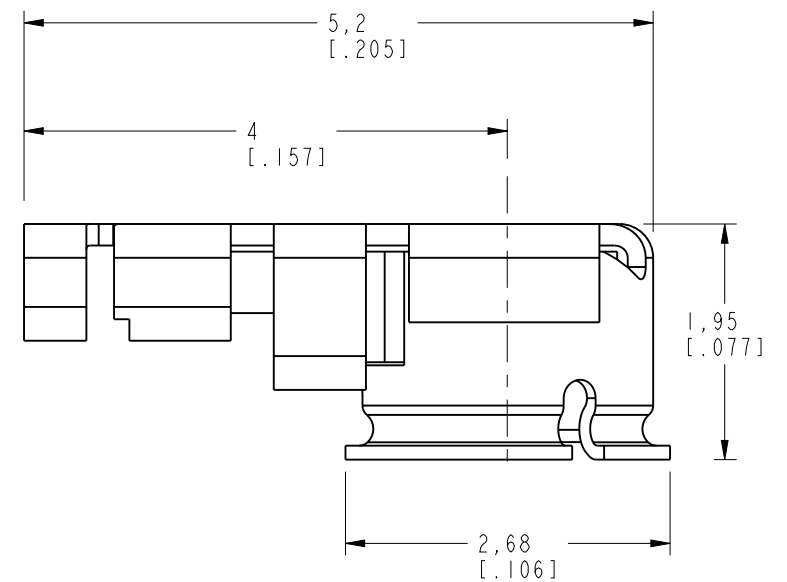
AMC RIGHT ANGLE PLUG —

CABLE DIAMETER IN mm (132 = 1.32 mm) —

NO. OF TERMINATED ENDS (1 OR 2) —

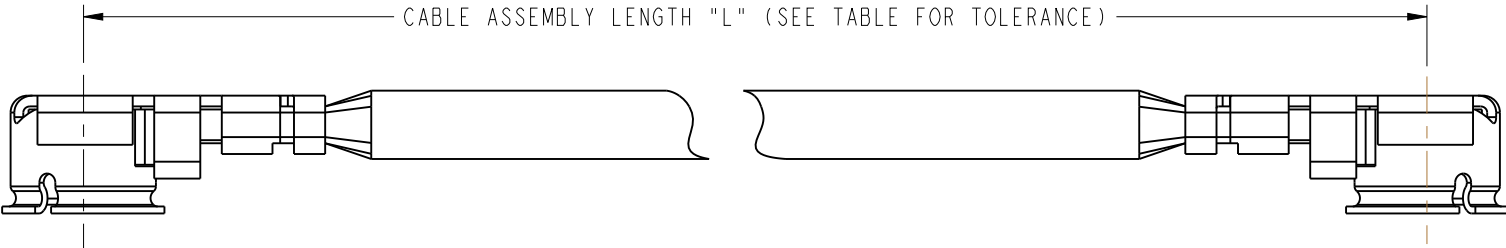
CABLE COLOR: G=GRAY
B=BLACK
W=WHITE

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



AMC RIGHT ANGLE PLUG

NOTES: 1. ELECTRICAL: A. IMPEDANCE: 50Ω (NOMINAL) B. FREQUENCY RANGE: 0-6 GHz C. CONTACT RESISTANCE: CENTER: 20mΩMAX.: MEASURED AT 10mA MAX. 25 mΩMAX AFTER CYCLING OUTSIDE: 10mΩ MAX. 15 mΩMAX 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-132-XXXYZ		REVISIONS				
	DRAWING NO.	REV	DESCRIPTION	DATE	ECO	APPR	
	THIRD ANGLE PROJ. 	A	RELEASE TO MFG.	2/23/05	45410	CPM	
		B	REMOVED BUMP ON PLUG, 1.95 WAS 2.01,, 4 WAS 3.99, 5.2 WAS 5.19, MΩ WAS mΩ	3/3/14	49763	EW	



CABLE ASSEMBLY LENGTH "L" (SEE TABLE FOR TOLERANCE)

A-IPA-132-XXXYZ

SERIES NAME (A=AMC)

AMC RIGHT ANGLE PLUG

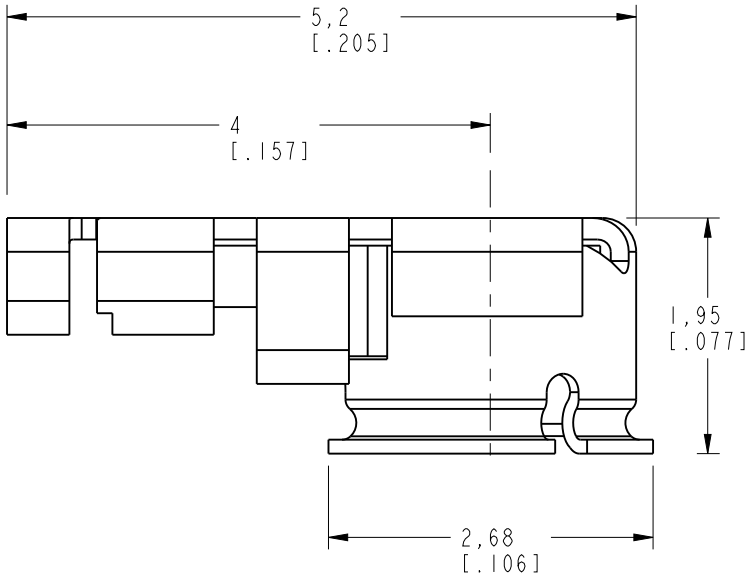
CABLE DIAMETER IN mm (132 = 1.32 mm)

NO. OF TERMINATED ENDS (1 OR 2)

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

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

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 %



5.2
[1.205]

4
[1.157]

1.95
[1.077]

2.68
[1.106]

AMC RIGHT ANGLE PLUG

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 C. McGRATH	DATE 2/11/05	TITLE RIGHT ANGLE PLUG JUMPER			Amphenol RF Danbury, CT, USA Tainan, Taiwan Shenzhen, China www.amphenolrf.com	
		ENGINEER O. BARTHELMES	DATE 2/11/05					
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		CAD FILE I:\AMC\A-IPA-132-XXXYZ						
				CODE ID 74868	DWG SIZE B	DRAWING NO. A-IPA-132-XXXYZ		