



**THE DATASHEET OF
A-1PA-113-060B2**



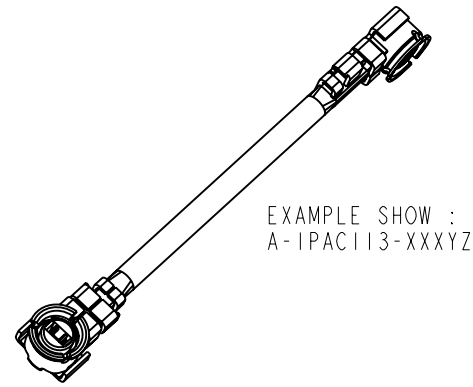
NOTES:

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
 - G. TYPICAL INSERTION LOSS : .0022*L*√Frequency in GHz] + .087*√Frequency in GHz]
2. PHYSICAL:
 - A. FEMALE CONTACT HOLDING FORCE: 0.15N MIN. : MEASURED WITH A Ø0.475MM 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 - 20N MAX
 - F. AMC INTERFACE IS FULLY COMPATIBLE WITH "U.FL" SERIES PRODUCT.
3. MATERIALS AND FINISHES: (IN MICROMETERS)
 - CONNECTOR BODY: PHOSPHOR BRONZE, SILVER PLATED (0.76 MIN.) OVER COPPER (1 MIN)
 - CONNECTOR CENTER CONTACT: PHOSPHOR BRONZE, GOLD PLATED (0.076 MIN.) OVER NICKEL (2 MIN)
 - CONNECTOR INSULATOR: HIGH TEMP PLASTIC UL 94V-0, BLACK
 - CABLE JACKET: FEP
 - CABLE DIELECTRIC: FEP
 - CABLE CENTER CONDUCTOR: ANNEALED COPPER WIRE STRANDED, SILVER PLATED
 - CABLE OUTER CONDUCTOR: ANNEALED COPPER WIRE BRAID, TIN PLATED
4. PACKAGING:
 - A. PAKCAGED IN BAGS OF 100 PIECES

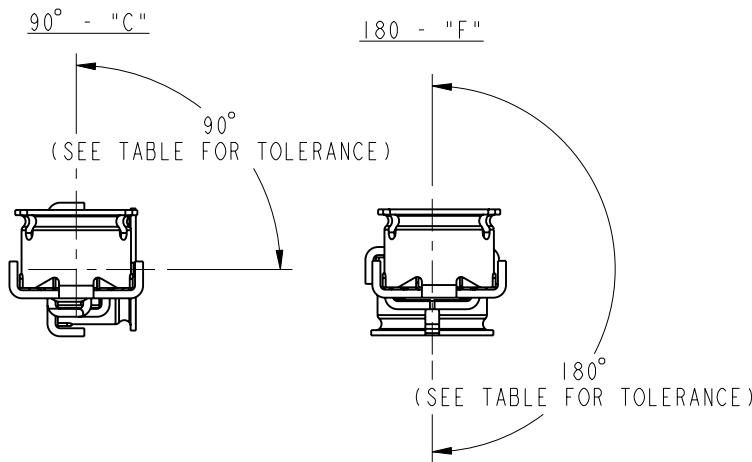
THIRD ANGLE PROJ.

REVISIONS

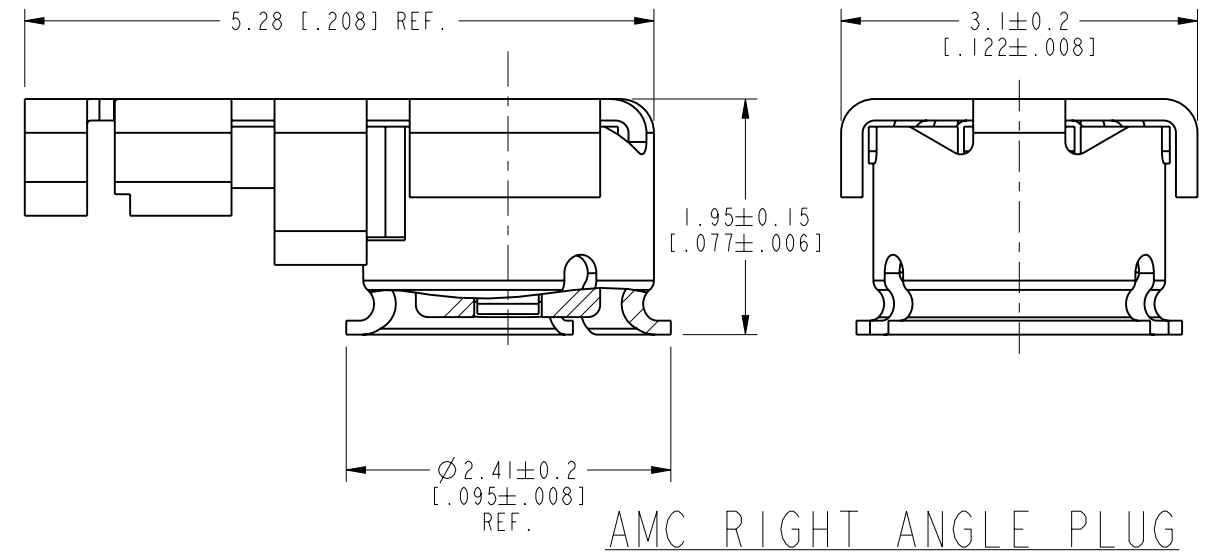
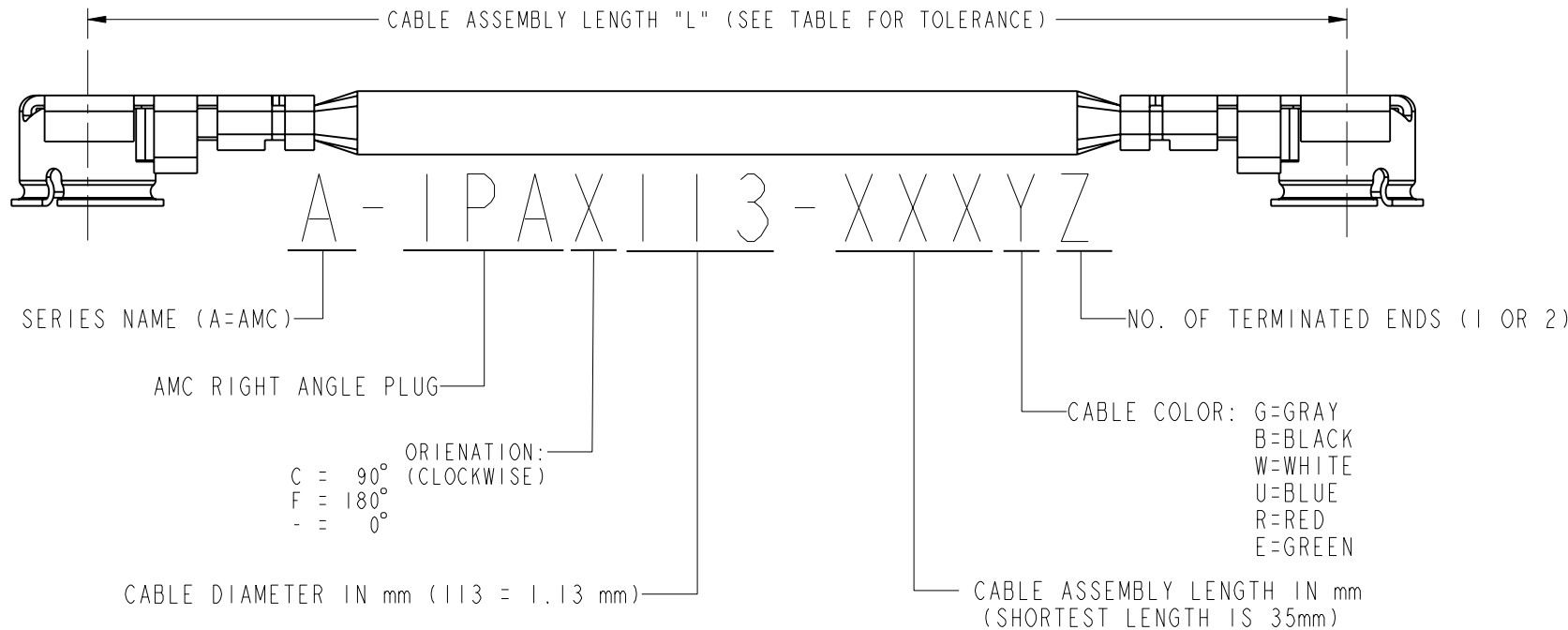
REV	DESCRIPTION	DATE	ECO	APPR
-	RELEASE TO MFG.	-----	-----	-----
F	REDRAWN, ADDED NOTE 1G,4&5 AND COD, ADD ORIENTAION AND COLOR, 5.28±0.4 WAS 5.2 REF REMOVED 4±0.4, 2.41±0.2 WAS 2.68 REF	10/2/14	50005	EW



SCALE 3.000



CABLE ASSEMBLY TOLERANCE		
OVERALL LENGTH L (mm)	STANDARD TOLERANCE (mm)	ORIENTATION TOLERANCE
35 < L < 100	± 4	± 30°
100 < L < 200	± 4	± 45°
200 < L < 500	± 8	
500 < L < 1000	± 12	
1000 < L	± 1.5 %	





CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: < 0.5mm ± 0.05mm 0.5 - 6mm ± 0.1mm 6 - 30mm ± 0.2mm 30 - 120mm ± 0.3mm ANGLES ± 1°	MATERIAL	DRAWN	DATE	TITLE CABLE ASSY AMC, PLUG		Amphenol RF www.amphenolrf.com
	-	SUNDE	25-Nov-14			
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	EAR # 1434 AND	E WANKOFF	19-May-14	SHEET 2 OF 2		
	CONFIGURATION LEVEL: <input type="checkbox"/> <input type="checkbox"/>	APPROVED	DATE	REV		
FINISH	HARRY	25-Nov-14	F			
		CAD FILE	DWG SIZE			
			B			

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