

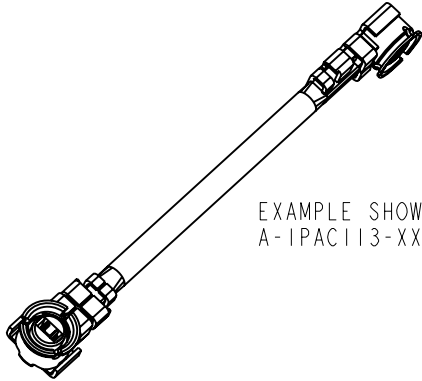
NOTES:

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.

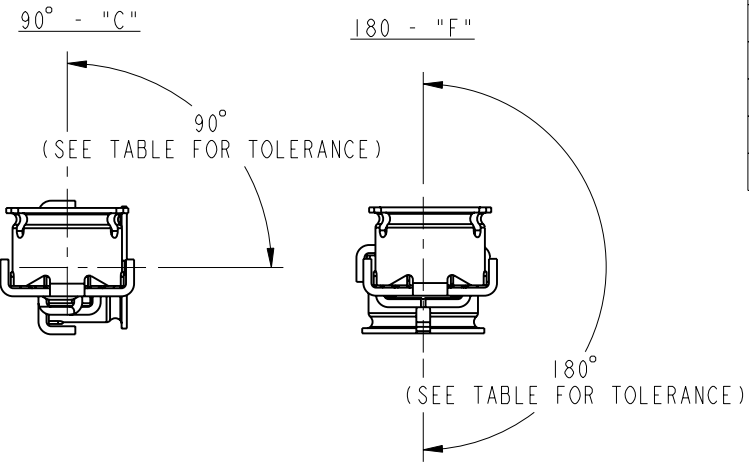
REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
-	RELEASE TO MFG.	-----	-----	-----
F	REDRAWN, ADDED NOTE 1G,485 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

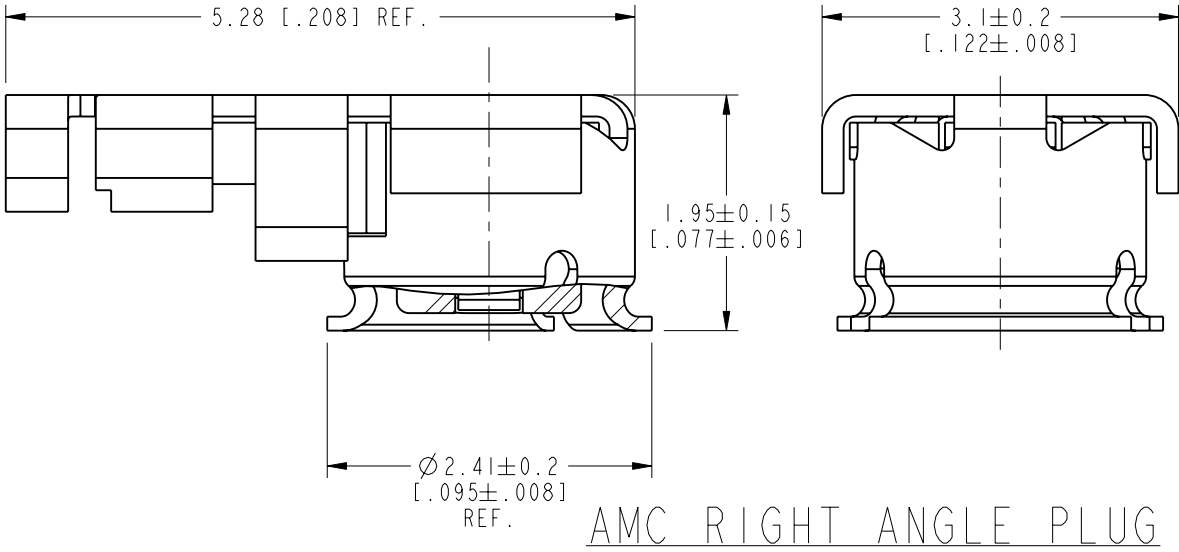
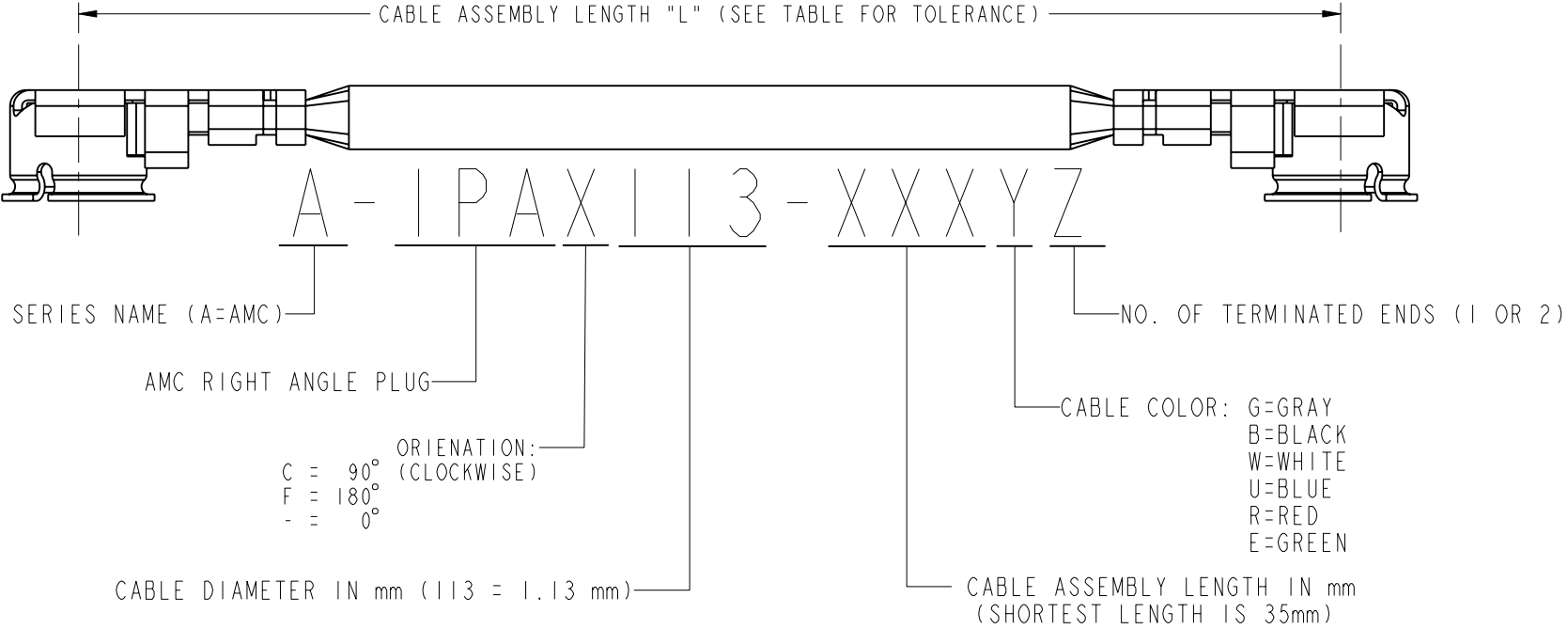


EXAMPLE SHOW :
A-IPAC113-XXXYZ

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°

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MATERIAL -	DRAWN SUNDE	DATE 25-Nov-14	TITLE CABLE ASSY AMC, PLUG		Amphenol RF www.amphenolrf.com	
REFERENCE EAR # 1434 AND	ENGINEER E WANKOFF	DATE 19-May-14				
CONFIGURATION LEVEL: ☐ ☐ ☐	APPROVED HARRY	DATE 25-Nov-14	SCALE: 8.0:1.0	SHEET 2 OF 2	DRAWING NO. A-IPAX113-XXXYZ	ITEM NO. A-IPAX113-XXXYZ
FINISH	CAD FILE		DWG SIZE B	REV F	PART NO. A-IPAX113-XXXYZ	