

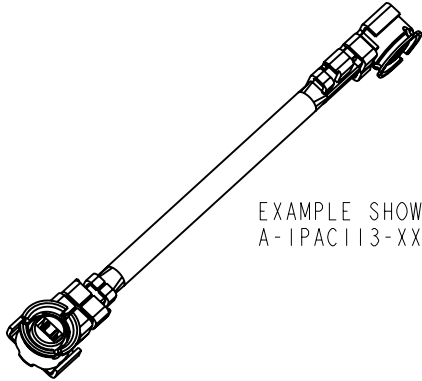
NOTES:

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.

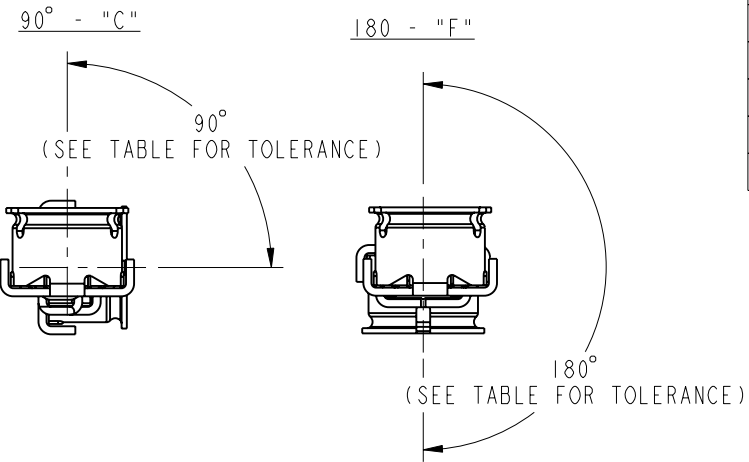
REVISIONS

| REV | DESCRIPTION                                                                                                                   | DATE    | ECO   | APPR  |
|-----|-------------------------------------------------------------------------------------------------------------------------------|---------|-------|-------|
| -   | RELEASE TO MFG.                                                                                                               | -----   | ----- | ----- |
| F   | REDRAWN, ADDED NOTE 1G,485 AND COD,<br>ADD ORIENTAION AND COLOR, 5.28±0.4 WAS 5.2 REF<br>REMOVED 4±0.4, 2.41±0.2 WAS 2.68 REF | 10/2/14 | 50005 | EW    |

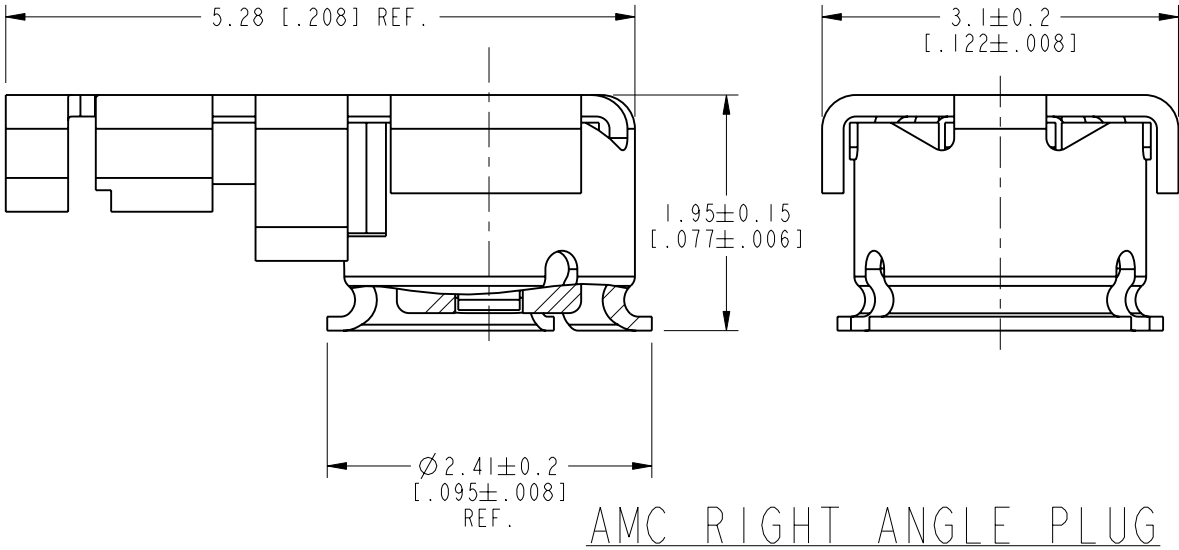
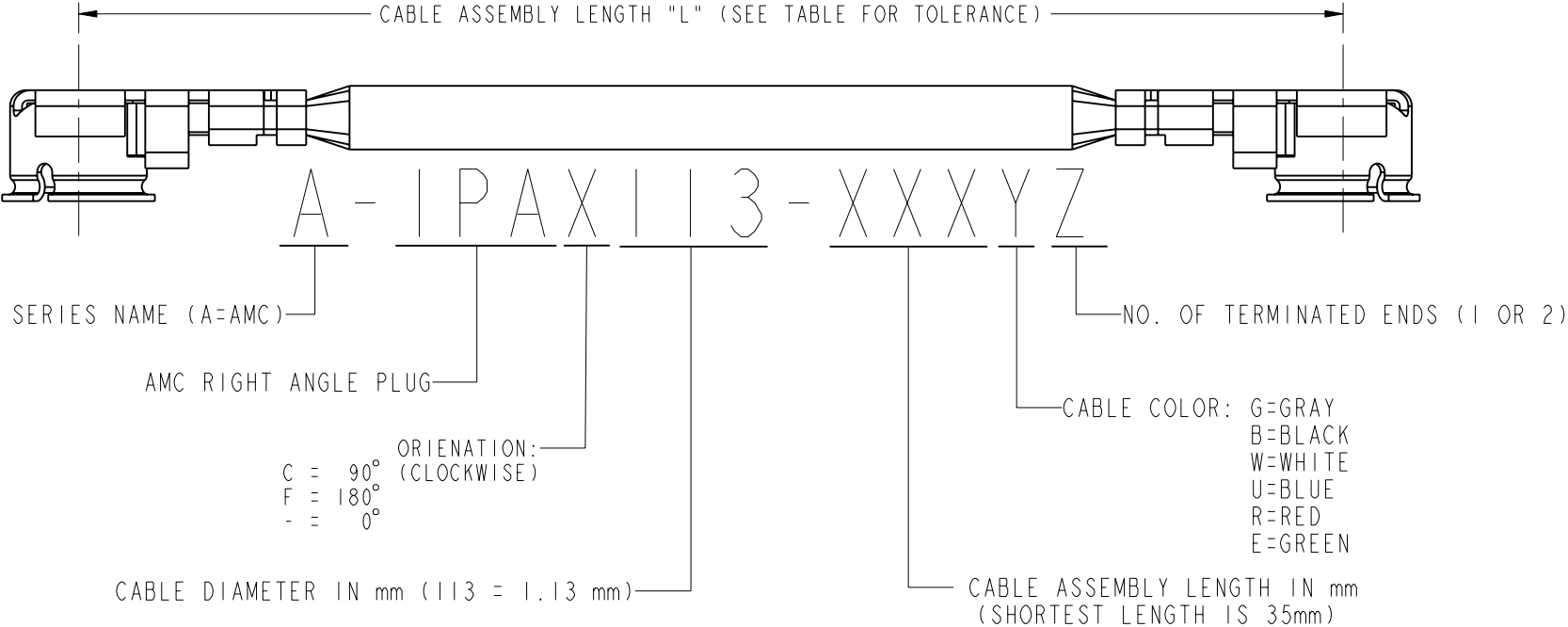


EXAMPLE SHOW :  
A-IPAC113-XXXYZ

SCALE 3.000



| CABLE ASSEMBLY TOLERANCE |                            |                          |
|--------------------------|----------------------------|--------------------------|
| OVERALL LENGTH<br>L (mm) | STANDARD<br>TOLERANCE (mm) | ORIENTATION<br>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  
SUNDE

DATE  
25-Nov-14

TITLE  
CABLE ASSY  
AMC, PLUG

Amphenol RF

www.amphenolrf.com

REFERENCE  
EAR # 1434 AND

APPROVED  
HARRY

DATE  
25-Nov-14

SCALE: 8.0:1.0 SHEET 2 OF 2

DRAWING NO. A-IPAX113-XXXYZ

CONFIGURATION LEVEL: ☐ ☐ ☐

CAD FILE

DWG SIZE  
B

REV  
F

ITEM NO. A-IPAX113-XXXYZ

PART NO. A-IPAX113-XXXYZ

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