NOTES:

1. ELECTRICAL:
   A. IMPEDANCE: 50Ω (NOMINAL)
   B. FREQUENCY RANGE: DC-6.0 GHz
   C. CONTACT RESISTANCE: CENTER: 20mΩ MAX; MEASURED AT 100MHz, 125mΩ MAX AFTER CYCLING
   D. INSULATION RESISTANCE: 500MΩ MIN, MEASURED AT 100V DC
   E. D.W., NO. OF TERMINATED ENDS (1 OR 2)
   F. W.D. V.: NO. OF TERMINATED ENDS (1 OR 2)
   G. TYPICAL INSERTION LOSS: 10.00384 x (L in mm) x \( \sqrt{\text{Freq. in GHz}} \) + 0.0087 x \( \sqrt{\text{Freq. in GHz}} \)

2. PHYSICAL:
   A. FEMALE CONTACT HOLDING FORCE: 0.15N MIN. - MEASURED WITH A Ø0.38mm PIN GAUGE
   B. DURABILITY: 20 CYCLES
   C. TEMPERATURE RANGE: -40°C TO +90°C
   D. AMMC CONNECTOR DEMATING FORCE: 4N MIN. (INITIAL), 2N MIN. (AFTER CYCLING)
   E. AMMC INTERFACE IS FULLY COMPATIBLE WITH "WFL" SERIES PRODUCT

3. MATERIALS AND FINISHES (in micrometers):
   CONNECTOR BODY: Phosphor Bronze, Selective Gold Plated Over Nickel
   CONNECTOR CENTER CONTACT: Phosphor Bronze, Gold Plated 10.07μm Min 1 Over Nickel (1.3-2.5)
   CONNECTOR INSULATOR: HT Plastic UL 94V-0, Black
   CABLE JACKET: FEP
   CABLE OUTER CONDUCTOR: Annealed Copper Wire Braided, Tin Plated
   CABLE ASSEMBLY LENGTH IN mm

4. PACKAGING:
   A. BAGS OF 100 PIECES

CABLE ASSEMBLY TOLERANCE
OVERALL LENGTH L (mm)
STANDARD TOLERANCE (mm)
35<L<200 ± 4
201 < L 500 ± 8
501 < L 1000 ± 10
1001 < L 1500 ± 15
AMMC RIGHT ANGLE PLUG DETAILS

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

MATERIAL

DRAWN D. DAVE

DATE 05-Mar-12

TITLE CABLE ASSY AMMC, PLUG

DRAWING NO. A-2PAX113-XXXZ

Amphenol RF

www.amphenolrf.com

CUSTOMER OUTLINE DRAWING

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