NOTES:

1. MATERIALS AND FINISHES:
   - BODY: BERYLLIUM COPPER, GOLD PLATING
   - REAR BODY: BRASS, NICKEL PLATING
   - CONTACT: BERYLLIUM COPPER, GOLD PLATING
   - CAP: BRASS, NICKEL PLATING
   - SPRING RING: BERYLLIUM COPPER, NICKEL PLATING
   - FERRULE: COPPER, NICKEL PLATING
   - INSULATOR: TFE, NATURAL

2. ELECTRICAL:
   - A. IMPEDANCE: 50 OHM
   - B. FREQUENCY RANGE: DC-6 GHz
   - C. VSWR (RETURN LOSS):
     - 1.14 @ 1-2 GHz MAX
     - 1.27 @ 2-4 GHz MAX
     - 1.38 @ 4-6 GHz MAX
   - D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 V RMS, MIN.

3. MECHANICAL:
   - A. DURABILITY: 200 CYCLES MIN. FOR SMOOTH BORE
   - B. TEMPERATURE RANGE: -65°C TO +165°C

4. CABLE ASSEMBLY INSTRUCTIONS:
   - A. TRIM CABLE AS SHOWN.
   - B. SLIDE FERRULE OVER CABLE.
   - C. INSERT CABLE INTO CONNECTOR.
   - D. SOLDER CONTACT TO CABLE CENTER CONDUCTOR.
   - E. CRIMP FERRULE USING .128" HEX.
   - F. PRESS CAP INTO REAR BODY.

5. PACKAGING:
   - A. QUANTITY: SINGLE PACK
   - B. WARNING: PACKAGING TO BE MARKED "AMPHENOL RF, 920-513P-51A, AND DATE CODE"

6. MEASUREMENTS:
   - A. MAX PANEL THICKNESS
   - B. MAX PANEL THICKNESS

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

Amphenol RF
www.amphenolrf.com