1. MATERIALS AND FINISHES:
   - BODY: BERYLLIUM COPPER, GOLD PLATING
   - CONTACT: BERYLLIUM COPPER, GOLD PLATING
   - SPRING RING: BERYLLIUM COPPER, NICKEL PLATING
   - INNER FERRULE: BRASS, GOLD PLATING
   - INSULATOR DISC: ULTEM, NATURAL

2. ELECTRICAL:
   - A. IMPEDANCE: 50 OHM
   - B. FREQUENCY RANGE: DC-6 GHz
   - C. VSWR (RETURN LOSS): 1.14 (-24 dB) MAX. @ DC-2 GHz
     1.22 (-20 dB) MAX. @ 2-4 GHz
     1.38 (-16 dB) MAX. @ 4-6 GHz
   - D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.
   - E. POWER HANDLING: 40 W MAX. @ 2.6 GHz AT 85°C

3. MECHANICAL:
   - A. DURABILITY: 200 CYCLES MIN. WITH SMOOTH BORE JAC
   - B. TEMPERATURE RANGE: -55°C TO +125°C

4. CABLE ASSEMBLY INSTRUCTIONS:
   - A. STRIP CABLE TO DIMENSIONS SHOWN.
   - B. INSERT CABLE THROUGH INNER FERRULE AND PEEL BRAID BACK OVER INNER FERRULE.
   - C. SLIDE INSULATOR DISC ONTO CABLE, BOTTOMING ON FERRULE.
   - D. SOLID CABLE INTO CONTACT CONDUCTOR.
   - E. CRIMP BODY OVER INNER FERRULE USING 0.105” HEX.

5. PACKAGING:
   - A. QUANTITY: SINGLE PACK
   - B. WARNING: PACKAGING TO BE MARKED
     "AMPHENOL RF, 920-512P-51S, AND DATE CODE"

NOTES:

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   - CONTACT: BERYLLIUM COPPER, GOLD PLATING
   - SPRING RING: BERYLLIUM COPPER, NICKEL PLATING
   - INNER FERRULE: BRASS, GOLD PLATING
   - INSULATOR DISC: ULTEM, NATURAL

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   - B. INSERT CABLE THROUGH INNER FERRULE AND PEEL BRAID BACK OVER INNER FERRULE.
   - C. SLIDE INSULATOR DISC ONTO CABLE, BOTTOMING ON FERRULE.
   - D. SOLDER CONTACT TO CABLE CENTER CONDUCTOR.
   - E. INSERT CABLE INTO CONNECTOR.
   - F. CRIMP BODY OVER INNER FERRULE USING 0.105” HEX.

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY