NOTES:

1. MATERIALS AND FINISHES:
   - BODY: BERYLLIUM COPPER, GOLD PLATING
   - REAR BODY: BRASS, NICKEL PLATING
   - CONTACT: BERYLLIUM COPPER, GOLD PLATING
   - CAP: BRASS, NICKEL PLATING
   - INNER FERRULE: BRASS, NICKEL PLATING
   - OUTER FERRULE: BRASS, GOLD PLATING
   - INSULATOR: PTFE, NATURAL

2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM
   B. FREQUENCY RANGE: DC-6 GHz
   C. VSWR/RETURN LOSS: 1.22 (-20 dB) MAX. @ 2 - 4 GHz
   D. DIELECTRIC WITHSTANDING VOLTAGE: 200 VAC, 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. INSERT CABLE THROUGH INNER FERRULE AND PEEL BRAID BACK OVER INNER FERRULE.
   C. INSERT CABLE INTO CONNECTION.
   D. SOLDER CONTACT TO CABLE CENTER CONDUCTOR.
   E. CRIMP BODY OVER INNER FERRULE USING .105” HEX.

5. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. PACKAGING TO BE MARKED: “AMPHENOL RF, 920-515P-51A, AND DATE CODE”

6. SHOWS CABLE ENTRY DIMENSIONS.

RECOMMENDED CABLE STRIPPING DIMENSIONS

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:
   0.5 - 2.5MM 6 - 30MM 0.5 - 6MM 30 - 120MM ANGLES < 0.5MM

CUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

DRAWING NO. 920-515P-51A
ITEM NO. 920-515P-51A
PART NO. 920-515P-51A

Amphenol RF
www.amphenolrf.com