1. **MATERIALS AND FINISHES:**
   - Body: Beryllium Copper, Gold Plating
   - Contact: Beryllium Copper, Gold Plating
   - Spring Ring: Beryllium Copper, Nickel Plating
   - Ferrule: Copper, Nickel Plating
   - Insulator: PTFE, Natural

2. **ELECTRICAL:**
   - Impedance: 50 ohms
   - Frequency Range: DC - 6 GHz
   - VSWR/Return Loss: 1.4 - 3 dB at DC - 2 GHz
   - 2.2 - 4.8 GHz, 3 dB - 6 GHz
   - Dielectric Withstanding Voltage: 1000 Vrms, Min.
   - Power Handling: 40 W Max., 2.4 GHz at 85°C

3. **MECHANICAL:**
   - Durability: 200 cycles min. for smooth bore
   - 50 cycles min. for limited detent
   - Temperature Range: -55°C to +125°C

4. **PACKAGING:**
   - Quantity: Single Pack
   - Marking: Packaging to be marked "Amphenol RF, 920-510P-51S & Date Code"

5. **CRIMPED FERRULE:**
   - Hex Crimp Size: .128"

6. **SOLDER CONTACT TO CABLE CENTER CONDUCTOR**

---

**CUSTOMER OUTLINE DRAWING**

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

**Amphenol RF**

www.amphenolrf.com

**DRAWING NO. 920-510P-51S**

**ITEM NO. 920-510P-51S**

**PART NO. 920-510P-51S**