



**ELECTRICAL:**

1. Impedance:  $50 \Omega$  ;
2. Frequency: DC~18GHz;
3. VSWR/Return Loss:  $\leq 1.12$ ;
4. Insertion Loss:  $\leq 0.06 \sqrt{\text{dB}}$ ;
5. Insulation Resistance:  $\geq 5000M \Omega$  ;
6. Dielectric Withstanding Voltage(AC): 500 Vrms;
7. Cable Type: CFS220.

**ENVIRONMENTAL & MECHANICAL:**

1. Temperature Range:  $-55^{\circ}\text{C} \sim +155^{\circ}\text{C}$ ;
2. RoHS: Compliant.

**MATERIAL & PLATING:**

1. Contact: Beryllium Copper, Gold;
2. Insulation: PTFE;
3. Outer Conductor: Brass, Gold.

4-φ2.6

All dimensions are in mm,  
all angles are in degrees.

|  |  |          |                |
|--|--|----------|----------------|
| TITLE<br><br>RF Coaxial Connector  |  | PART NO. | SMA-KFCFS220-1 |
|  |  | DWG. NO. | ---            |
|  |  | DATE     | ---            |
| TOLERANCES UNLESS OTHERWISE SPECIFIED<br>X $\pm 0.50$ XX $\pm 0.10$<br>X $\pm 0.20$ ANGLES $\pm 1^{\circ}$ |  | SCALE    | VIEW DIRECTION |
| SHEET: 1/1   |  | 6:1      |                |
|  |  | REV.     | V1.0           |
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