



ELECTRICAL:

1. Impedance: 50Ω ;
2. Frequency: DC~18GHz;
3. VSWR/Return Loss: ≤ 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: CFS800;
8. Armour Type: AP8512.

MATERIAL & PLATING:

1. Contact: Beryllium Copper, Gold;
2. Insulation: PTFE;
3. Outer Conductor: Stainless steel, Passivated.

ENVIRONMENTAL & MECHANICAL:

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

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

TITLE RF Coaxial Connector		PART NO.	SMA-KCFS800AP8512-1
		DWG. NO.	---
		DATE	---
TOLERANCES UNLESS OTHERWISE SPECIFIED X ± 0.50 XX ± 0.10 X ± 0.20 ANGLES $\pm 1^{\circ}$		SCALE	VIEW DIRECTION
SHEET: 1/1		4:1	
		REV.	V1.0
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