

### Electrical Characteristics:

1. Characteristic Impedance:  $50 \Omega$
2. Frequency range: DC~18Ghz
3. Contact resistance  
Center conductor:  $\leq 3.0 \text{ m}\Omega$   
Out conductor:  $\leq 2.0 \text{ m}\Omega$
4. Insulation resistance:  $\geq 5000 \text{ M}\Omega$
5. Insulator withstanding: 1000V
6. Durability: 500cycles

### Application: MIL-C-39012/55D

### Material&Finishing

1. Center contact :  
Female: beryllium, gold plated
2. Body: Brass, gold plated
3. Insulators: PTFE



### 主要性能指标:

1. 特性阻抗:  $50 \Omega$
2. 频率范围: DC~18Ghz
3. 接触电阻:  
中心导体:  $\leq 3.0 \text{ m}\Omega$   
外导体:  $\leq 2.0 \text{ m}\Omega$
4. 绝缘电阻:  $\geq 5000 \text{ M}\Omega$
5. 介质耐压: 1000V
6. 插拔次数: 500次

### 执行标准: MIL-C-39012/55D

### 材料和镀层

1. 中心接触件:  
插孔: 铍青铜, 镀金
2. 壳体: 黄铜, 镀金
3. 绝缘子: 聚四氟乙烯

 	SCALE	
	2.5:1	
	NAME	DATE
DRAWN		
CHECKED		
APPROVED		

SMA-KFD90  
RF COAXIAL CONNECTOR

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE mm, TOLERANCES ARE  
FRACTIONS DECIMALS ANGLES  
.X± .15 ±1°  
.XX± .05  
.XXX±

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