

JQC Series

JQC 系列产品是一种应用广泛的小型螺纹连接器 SMA 的快速插入式改型，符合标准 MIL-C-39012、IEC169-15 的相关规定，具有使用方便、寿命长、性能优越、可靠性高等特点。可替代 SMA 系列连接器广泛用于微波设备和数字通信设备的射频回路中连接射频同轴电缆或微带。

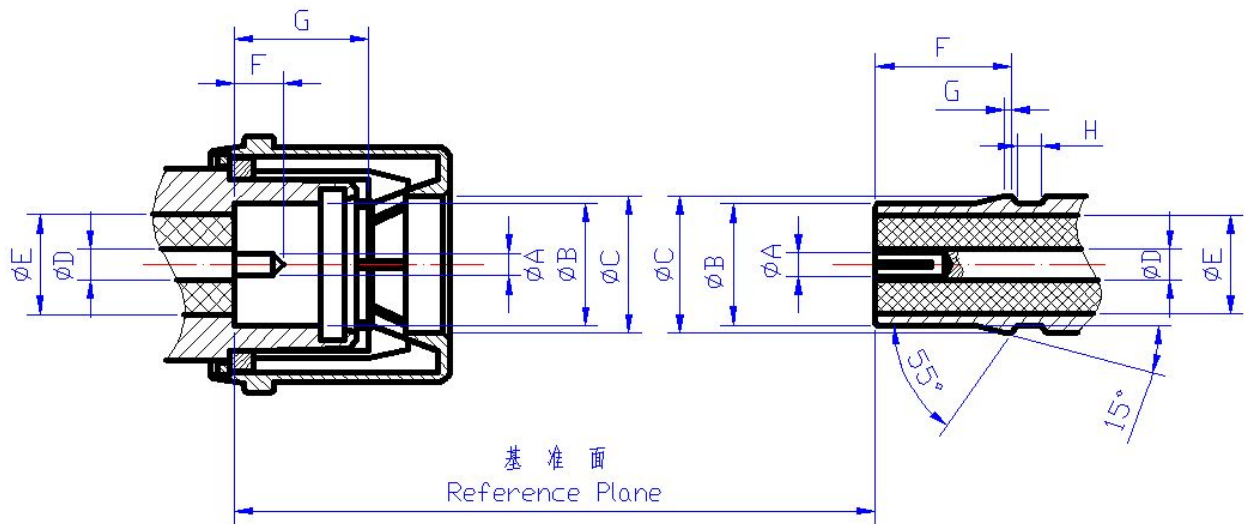
The JQC series is a wide range of small thread SMA connector quick lock modified to have met the standard MIL-C-39012, IEC169-15 of the relevant provisions, with easy-to-use, long life, superior performance and high reliability characteristics. Alternative SMA connector series of widely used devices and digital microwave communication equipment in the RF circuit connecting RF coaxial cable.



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主要技术特性 Technical Characteristics:		
环境温度范围 Temperature range	-65~+165°C	
电气性能 Electrical Characteristics		
特征阻抗 Characteristic impedance	50Ω	
工作电压 Working voltage	335V max(有效值)	
频率范围 Frequency range	软电缆 flexible cables: 0~12.4GHz; 半刚电缆 semi-rigid cables: 0~18GHz	
介质耐压 Dielectric withstanding voltage	海平面 at sea level: 1000V(volts RMS)	
接触电阻 Contact resistance	内导体 center contact	≤3.0mΩ
	外导体 Outer contact	≤2.0mΩ
绝缘电阻 Insulation resistance	≥5000MΩ	
电压驻波比 VSWR	直式 straight	接软性电缆 flexible cables≤1.15+0.02f
		接半刚电缆 semi-rigid cables≤1.05+0.01f
	弯式 right - angle	接软性电缆 flexible cables≤1.20+0.03f
		接半刚电缆 semi-rigid cables≤1.10+0.01f
材料与涂覆 Mechanical Characteristics		
壳体和其它金属零件 Body or other metallic parts	黄铜镀金或镍或不锈钢表面钝化 Brass, gold / nickel plated or stainless steel passivity	
插针 Male center contacts:	黄铜镀金 Brass, gold plated	
插孔 Female center contacts:	铍青铜镀金 Beryllium copper, gold plated	
绝缘体 Insulators:	聚四氟乙烯 PTFE	
锁扣 Latch:	铍青铜镀金 Beryllium copper, nickel plated	
连接器机械耐久性 Connector durability	500 次 Cycles	

界面尺寸 Interface Mating Dimensions



	PLUG (mm)	
	MIN	MAX
A	0.902	0.940
B	5.00	5.05
C	5.62	5.69
D	1.27	
E	4.10	4.178
F	-	2.54
G	5.56	5.62

	JACK (mm)	
	MIN	MAX
A	0.965	0.99
B	4.90	4.95
C	5.55	5.59
D	1.27	
E	4.10	4.178
F	5.53	5.56
G	0.20	0.40
H	1.0	-