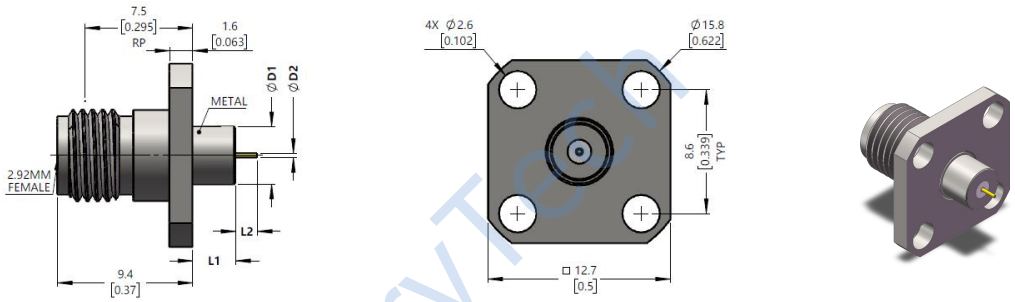
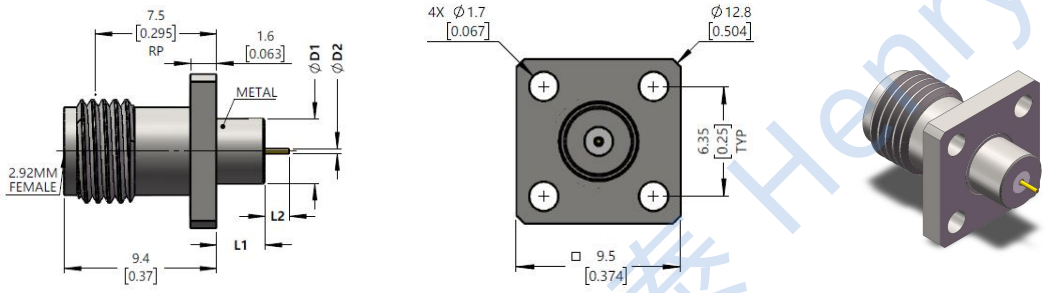
DC~40GHz 2.92mm 金属穿墙式 4孔法兰安装连接器规格书

Specification for Metal Wall-Mount "2.92mm Jack" 4-Hole Flange Connector (DC-40GHz)

型号与外形尺寸:(单位: mm)
(Part Number and Product Outline Dimension Drawing)

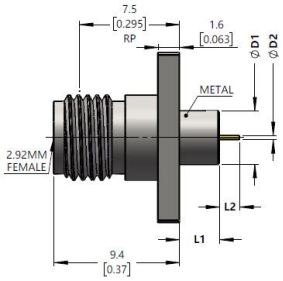


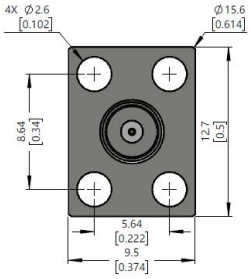
序号 (Number)	产品型号 (Part Number)	介质直径(ØD1) (Dielectric Diameter)	插针直径(ØD2) (Pin Diameter)	介质长度(L1) (Dielectric Length)	针露出长度(L2) (Pin Protrusion Length)
1	HLY-2.92-KFD-J1-1	4.0 [0.157]	0.20 [0.008]	3 [0.118]	1.5 [0.059]
2	HLY-2.92-KFD-J1-2	4.0 [0.157]	0.30 [0.012]	1.4 [0.055]	1.5 [0.059]
3	HLY-2.92-KFD-J1-3	4.0 [0.157]	0.30 [0.012]	3 [0.118]	1.5 [0.059]
4	HLY-2.92-KFD-J1-4	4.0 [0.157]	0.30 [0.012]	3 [0.118]	5 [0.197]
5	HLY-2.92-KFD-J1-5	4.0 [0.157]	0.30 [0.012]	3.2 [0.126]	1.5 [0.059]
6	HLY-2.92-KFD-J1-6	4.0 [0.157]	0.30 [0.012]	4 [0.157]	1 [0.039]
7	HLY-2.92-KFD-J1-7	4.0 [0.157]	0.30 [0.012]	10.1 [0.398]	0.5 [0.020]
8	HLY-2.92-KFD-J1-8	4.0 [0.157]	0.38 [0.015]	3 [0.118]	2 [0.079]
9	HLY-2.92-KFD-J1-9	4.0 [0.157]	0.60 [0.024]	4 [0.157]	1.27 [0.050]
10	HLY-2.92-KFD-J1-10	4.0 [0.157]	0.60 [0.024]	10.1 [0.398]	1.27 [0.050]

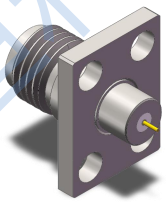


序号 (Number)	产品型号 (Part Number)	介质直径(ØD1) (Dielectric Diameter)	插针直径(ØD2) (Pin Diameter)	介质长度(L1) (Dielectric Length)	针露出长度(L2) (Pin Protrusion Length)
1	HLY-2.92-KFD-J2-1	4.0 [0.157]	0.20 [0.008]	3 [0.118]	1.5 [0.059]
2	HLY-2.92-KFD-J2-2	4.0 [0.157]	0.30 [0.012]	1.4 [0.055]	1.5 [0.059]
3	HLY-2.92-KFD-J2-3	4.0 [0.157]	0.30 [0.012]	3 [0.118]	1.5 [0.059]
4	HLY-2.92-KFD-J2-4	4.0 [0.157]	0.30 [0.012]	3 [0.118]	5 [0.197]
5	HLY-2.92-KFD-J2-5	4.0 [0.157]	0.30 [0.012]	3.2 [0.126]	1.5 [0.059]
6	HLY-2.92-KFD-J2-6	4.0 [0.157]	0.30 [0.012]	4 [0.157]	1 [0.039]
7	HLY-2.92-KFD-J2-7	4.0 [0.157]	0.30 [0.012]	10.1 [0.398]	0.5 [0.020]
8	HLY-2.92-KFD-J2-8	4.0 [0.157]	0.38 [0.015]	3 [0.118]	2 [0.079]
9	HLY-2.92-KFD-J2-9	4.0 [0.157]	0.60 [0.024]	4 [0.157]	1.27 [0.050]
10	HLY-2.92-KFD-J2-10	4.0 [0.157]	0.60 [0.024]	10.1 [0.398]	1.27 [0.050]

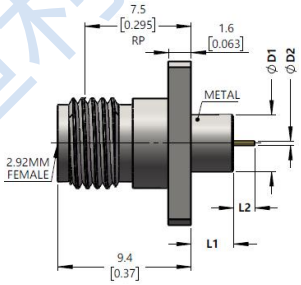
地址: 四川省成都市金牛区蜀西路50号 华西科创中心5栋14F01号
Address: 14F01, Building 5, Huaxi Science and Innovation Center, No. 50 Shuxi Road, Jinniu District, Chengdu, Sichuan, China
电话(telephone): (+86)028-85589664
网址(Web): http://www.hltchips.com

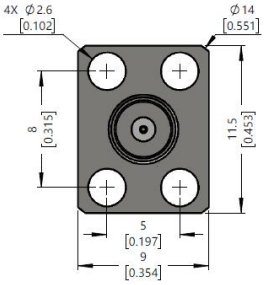


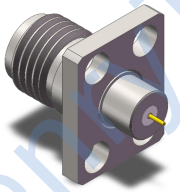




序号 (Number)	产品型号 (Part Number)	介质直径(ØD1) (Dielectric Diameter)	插针直径(ØD2) (Pin Diameter)	介质长度(L1) (Dielectric Length)	针露出长度(L2) (Pin Protrusion Length)
1	HLY-2.92-KFD-J3-1	4.0 [0.157]	0.20 [0.008]	3 [0.118]	1.5 [0.059]
2	HLY-2.92-KFD-J3-2	4.0 [0.157]	0.30 [0.012]	1.4 [0.055]	1.5 [0.059]
3	HLY-2.92-KFD-J3-3	4.0 [0.157]	0.30 [0.012]	3 [0.118]	1.5 [0.059]
4	HLY-2.92-KFD-J3-4	4.0 [0.157]	0.30 [0.012]	3 [0.118]	5 [0.197]
5	HLY-2.92-KFD-J3-5	4.0 [0.157]	0.30 [0.012]	3.2 [0.126]	1.5 [0.059]
6	HLY-2.92-KFD-J3-6	4.0 [0.157]	0.30 [0.012]	4 [0.157]	1 [0.039]
7	HLY-2.92-KFD-J3-7	4.0 [0.157]	0.30 [0.012]	10.1 [0.398]	0.5 [0.020]
8	HLY-2.92-KFD-J3-8	4.0 [0.157]	0.38 [0.015]	3 [0.118]	2 [0.079]
9	HLY-2.92-KFD-J3-9	4.0 [0.157]	0.60 [0.024]	4 [0.157]	1.27 [0.050]
10	HLY-2.92-KFD-J3-10	4.0 [0.157]	0.60 [0.024]	10.1 [0.398]	1.27 [0.050]







序号 (Number)	产品型号 (Part Number)	介质直径(ØD1) (Dielectric Diameter)	插针直径(ØD2) (Pin Diameter)	介质长度(L1) (Dielectric Length)	针露出长度(L2) (Pin Protrusion Length)
1	HLY-2.92-KFD-J13-1	4.0 [0.157]	0.20 [0.008]	3 [0.118]	1.5 [0.059]
2	HLY-2.92-KFD-J13-2	4.0 [0.157]	0.30 [0.012]	1.4 [0.055]	1.5 [0.059]
3	HLY-2.92-KFD-J13-3	4.0 [0.157]	0.30 [0.012]	3 [0.118]	1.5 [0.059]
4	HLY-2.92-KFD-J13-4	4.0 [0.157]	0.30 [0.012]	3 [0.118]	5 [0.197]
5	HLY-2.92-KFD-J13-5	4.0 [0.157]	0.30 [0.012]	3.2 [0.126]	1.5 [0.059]
6	HLY-2.92-KFD-J13-6	4.0 [0.157]	0.30 [0.012]	4 [0.157]	1 [0.039]
7	HLY-2.92-KFD-J13-7	4.0 [0.157]	0.30 [0.012]	10.1 [0.398]	0.5 [0.020]
8	HLY-2.92-KFD-J13-8	4.0 [0.157]	0.38 [0.015]	3 [0.118]	2 [0.079]
9	HLY-2.92-KFD-J13-9	4.0 [0.157]	0.60 [0.024]	4 [0.157]	1.27 [0.050]
10	HLY-2.92-KFD-J13-10	4.0 [0.157]	0.60 [0.024]	10.1 [0.398]	1.27 [0.050]

电气指标:
(Electrical Specifications)

2.92mm(40GHz)连接器•可拆卸更换•微带或带状线•公/母•法兰安装，螺纹或波导探头。

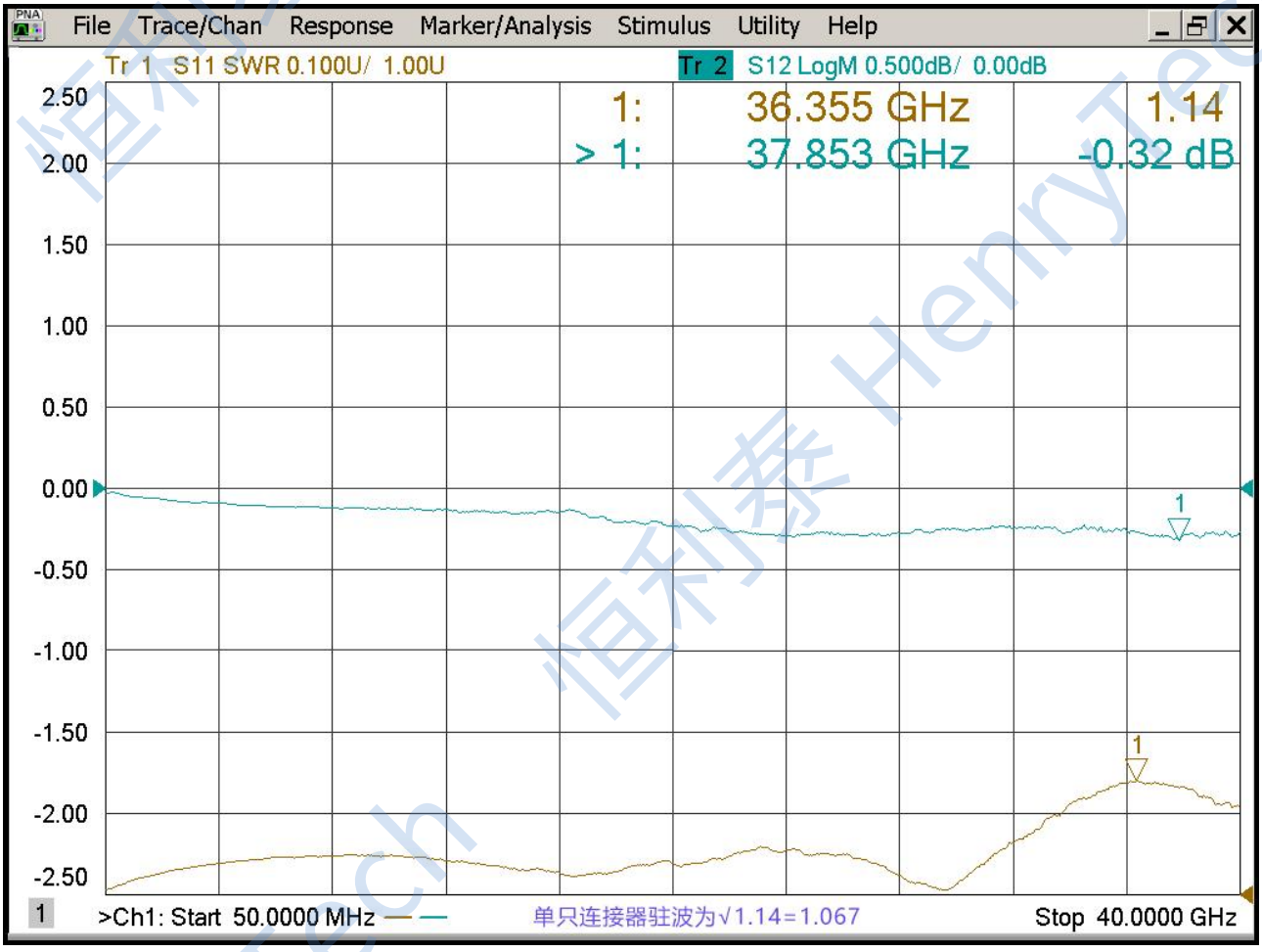
- 2.92mm (40GHz) Connector
- Detachable/Replaceable
- Microstrip or Stripline Compatible
- Male/Female Versions
- Flange-Mount, Threaded or Waveguide Probe Interface

主要性能指标(Key Performance Specifications(KPS))	
特性阻抗(Impedance)：	50Ω
电压驻波比(VSWR)：	≤1.15：1
接触电阻(max)： (Contact Resistance)	中心导体≤3.0mΩ (Center Contact) 外导体≤2.0mΩ (Outer Contact)
绝缘电阻(min)： (Insulation Resistance)	≥5000MΩ
连接器耐久： (Mating Cycles)	≥500 次
温度范围： (Temperature Range)	-55~+165℃

材质和表面处理(Material & Finish)	
外壳/外导体： (Outer Contact)	不锈钢303/钝化 (Stainless Steel(SU303) /Passivated)
中心导体： (Center Contact)	铍青铜C17300镀金 (Beryllium-Copper(C17300) /Gold Plated)
绝缘体(Insulators)：	PTFE/AIR
中心支撑(Center Conductor Support)：	ULTEM 1000

典型曲线图:
(Typical Response Curve)

背靠背测试显示两个连接器的数据。当测试通过40GHz时，连接器内的任何内部不匹配都会显现。取峰值VSWR的平方根将提供单个连接器的值。
(The back-to-back test measures the combined response of two connectors.Testing up to 40 GHz exposes any internal impedance mismatches within the connectors. The individual connector's VSWR can be derived by taking the square root of the measured peak VSWR.)



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