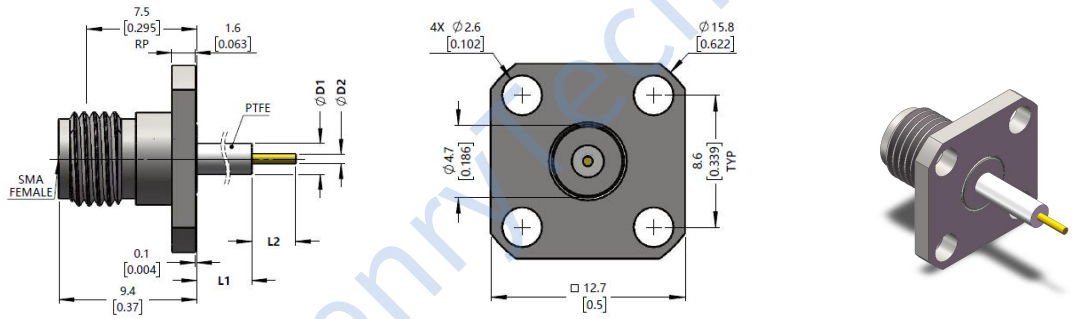
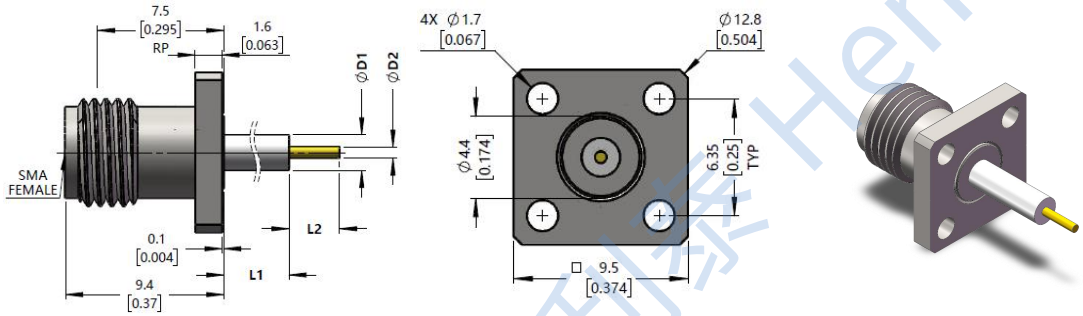
DC~27GHz SMA型介质穿墙式母头4孔法兰安装连接器规格书

Specification Dielectric-Insulated Bulkhead "SMA Jack" 4-Hole

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

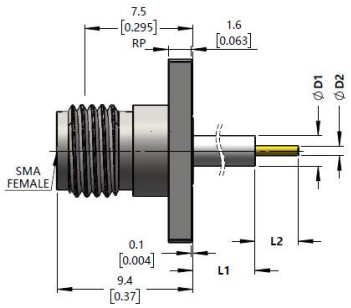


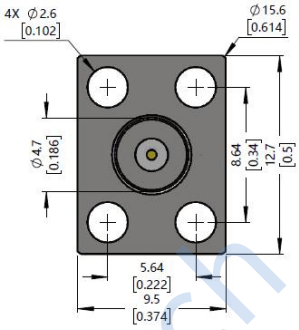
序号 (Number)	产品型号 (Part Number)	介质直径(ØD1) (Dielectric Diameter)	插针直径(ØD2) (Pin Diameter)	介质长度(L1) (Dielectric Length)	针露出长度(L2) (Pin Protrusion Length)
1	HLY-SMA-KFD-S1-1	2.2 [0.087]	0.30 [0.012]	3.2 [0.126]	1.27 [0.050]
2	HLY-SMA-KFD-S1-2	3.9 [0.154]	0.64 [0.025]	15 [0.590]	3 [0.118]
3	HLY-SMA-KFD-S1-3	2.1 [0.083]	0.64 [0.025]	15 [0.590]	3 [0.118]
4	HLY-SMA-KFD-S1-4	2.2 [0.087]	0.30 [0.012]	4.3 [0.169]	1.3 [0.051]
5	HLY-SMA-KFD-S1-5	2.2 [0.087]	0.30 [0.012]	3 [0.118]	1.27 [0.050]
6	HLY-SMA-KFD-S1-6	2.1 [0.083]	0.64 [0.025]	10 [0.394]	3 [0.118]
7	HLY-SMA-KFD-S1-7	2.1 [0.083]	0.64 [0.025]	6.5 [0.256]	3 [0.118]
8	HLY-SMA-KFD-S1-8	2.1 [0.083]	0.64 [0.025]	8.1[0.319]	-

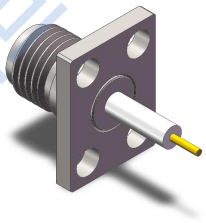


序号 (Number)	产品型号 (Part Number)	介质直径(ØD1) (Dielectric Diameter)	插针直径(ØD2) (Pin Diameter)	介质长度(L1) (Dielectric Length)	针露出长度(L2) (Pin Protrusion Length)
1	HLY-SMA-KFD-S2-1	2.2 [0.087]	0.30 [0.012]	3.2 [0.126]	1.27 [0.050]
2	HLY-SMA-KFD-S2-2	3.9 [0.154]	0.64 [0.025]	15 [0.590]	3 [0.118]
3	HLY-SMA-KFD-S2-3	2.1 [0.083]	0.64 [0.025]	15 [0.590]	3 [0.118]
4	HLY-SMA-KFD-S2-4	2.2 [0.087]	0.30 [0.012]	4.3 [0.169]	1.3 [0.051]
5	HLY-SMA-KFD-S2-5	2.2 [0.087]	0.30 [0.012]	3 [0.118]	1.27 [0.050]
6	HLY-SMA-KFD-S2-6	2.1 [0.083]	0.64 [0.025]	10 [0.394]	3 [0.118]
7	HLY-SMA-KFD-S2-7	2.1 [0.083]	0.64 [0.025]	6.5 [0.256]	3 [0.118]
8	HLY-SMA-KFD-S2-8	2.1 [0.083]	0.64 [0.025]	8.1[0.319]	-

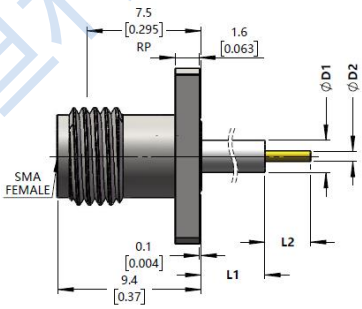
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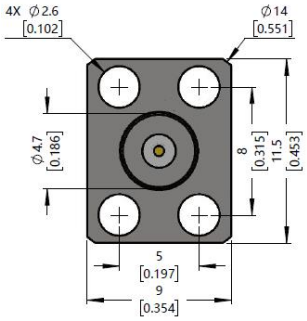


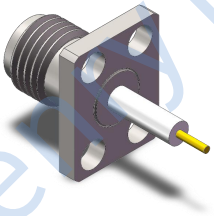




序号 (Number)	产品型号 (Part Number)	介质直径(ØD1) (Dielectric Diameter)	插针直径(ØD2) (Pin Diameter)	介质长度(L1) (Dielectric Length)	针露出长度(L2) (Pin Protrusion Length)
1	HLY-SMA-KFD-S3-1	2.2 [0.087]	0.30 [0.012]	3.2 [0.126]	1.27 [0.050]
2	HLY-SMA-KFD-S3-2	3.9 [0.154]	0.64 [0.025]	15 [0.590]	3 [0.118]
3	HLY-SMA-KFD-S3-3	2.1 [0.083]	0.64 [0.025]	15 [0.590]	3 [0.118]
4	HLY-SMA-KFD-S3-4	2.2 [0.087]	0.30 [0.012]	4.3 [0.169]	1.3 [0.051]
5	HLY-SMA-KFD-S3-5	2.2 [0.087]	0.30 [0.012]	3 [0.118]	1.27 [0.050]
6	HLY-SMA-KFD-S3-6	2.1 [0.083]	0.64 [0.025]	10 [0.394]	3 [0.118]
7	HLY-SMA-KFD-S3-7	2.1 [0.083]	0.64 [0.025]	6.5 [0.256]	3 [0.118]
8	HLY-SMA-KFD-S3-8	2.1 [0.083]	0.64 [0.025]	8.1[0.319]	-







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-SMA-KFD-S13-1	2.2 [0.087]	0.30 [0.012]	3.2 [0.126]	1.27 [0.050]
2	HLY-SMA-KFD-S13-2	3.9 [0.154]	0.64 [0.025]	15 [0.590]	3 [0.118]
3	HLY-SMA-KFD-S13-3	2.1 [0.083]	0.64 [0.025]	15 [0.590]	3 [0.118]
4	HLY-SMA-KFD-S13-4	2.2 [0.087]	0.30 [0.012]	4.3 [0.169]	1.3 [0.051]
5	HLY-SMA-KFD-S13-5	2.2 [0.087]	0.30 [0.012]	3 [0.118]	1.27 [0.050]
6	HLY-SMA-KFD-S13-6	2.1 [0.083]	0.64 [0.025]	10 [0.394]	3 [0.118]
7	HLY-SMA-KFD-S13-7	2.1 [0.083]	0.64 [0.025]	6.5 [0.256]	3 [0.118]
8	HLY-SMA-KFD-S13-8	2.1 [0.083]	0.64 [0.025]	8.1[0.319]	-

电气指标:
(Electrical Specifications)

SMA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。

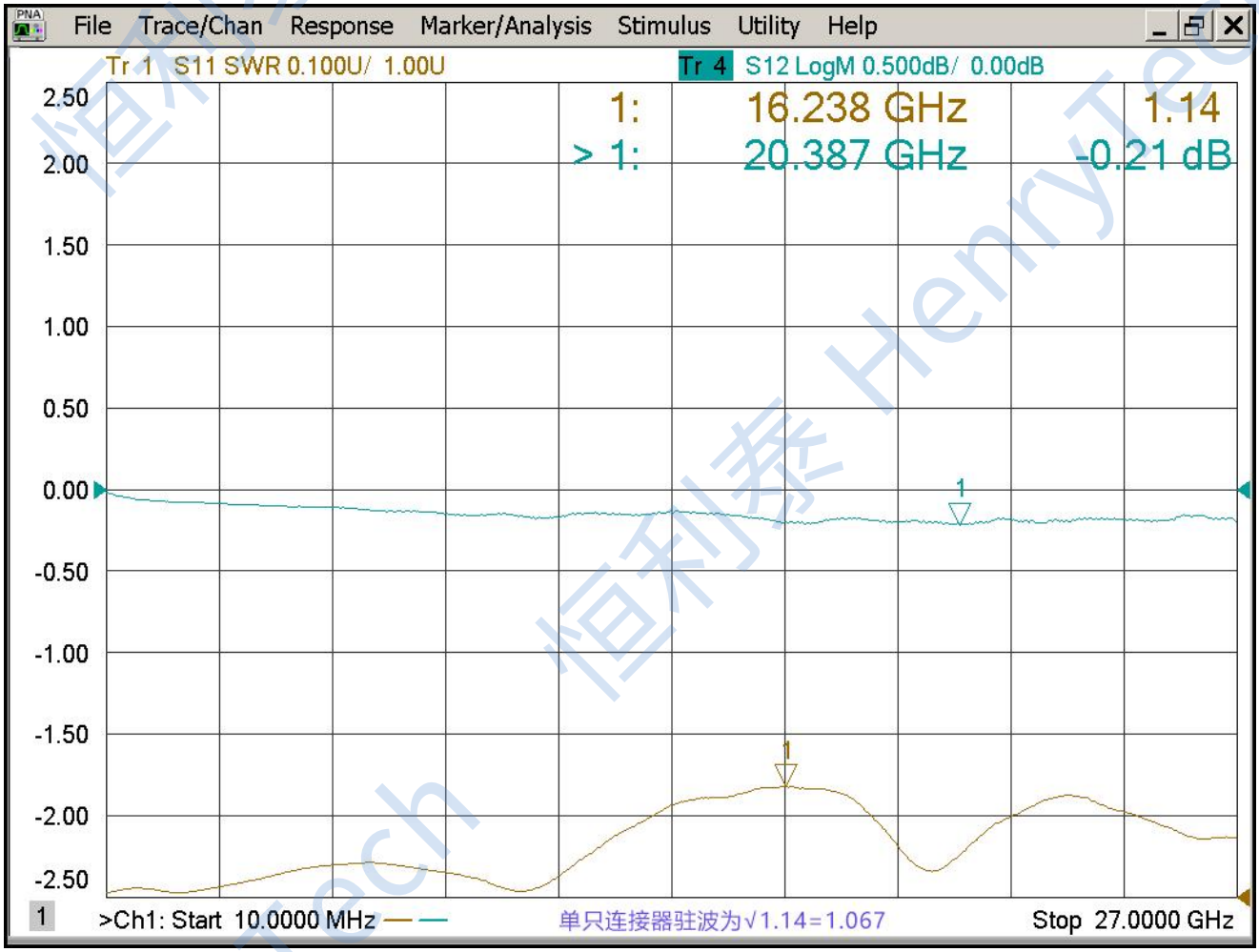
- SMA (27GHz) Connector
- Detachable/Replaceable
- Microstrip or Stripline Compatible
- Male/Female Versions
- Flange-Mount, Threaded or Waveguide Probe Interface

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)
(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27GHz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 27 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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HL-SMAMF-2-18-15dB HN-LP7-0.5-1.27(9.4-2.8) HT-LFCG-1700+ HT-LFCN-400+ HL-SMB-K3DY HL-MCX-KE-02 HT-HFCN-3800+ HG-SCN-2-65+ HLCC2250G HN-DC2016-0.5(12-4.6)M HX-1.85-JJ HX-N-JK H3-MABA-007871-CT1A40 H3-MABA-011085 H3-TC1-1TG2+ HL-SMA-KHD4 HL-SSMA-KHD-1 HT-BFHKI-1572+ HG-SCN-2-22+ HT-HFCN-2700+ HT-LFCN-3800+ HT-QCN-19+ H3-MABA-010551-CF1071 HX-SMA/SMP-JK HL-N-KKC HT-LFCG-530+ HT-SCA-4-10+ H2SYDC-20-62HP+ H3-MAPD-008109-C30040 HL-SMA/SMB-KK