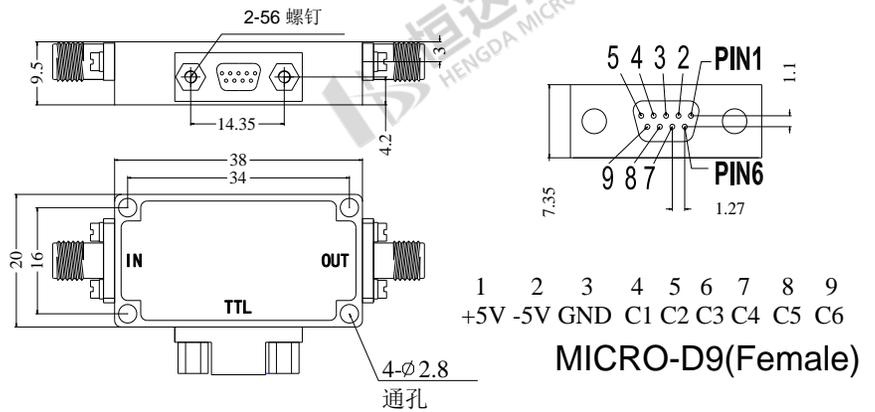


产品名称：吸收式数控衰减器

产品型号：HD-12DA6B63S



### 1. 详细技术参数 (\*为主要参数)

参 数	最小值	典型值	最大值	单位
频率范围*		1-2		GHz
衰减范围*		63		dB
衰减精度*		±1.0	±2.0	dB
控制位数			6	Bit
步进值	1			dB
插损		2	2.5	dB
插损随温度变化值		0.003		dB/ ° C
输入驻波比 (全衰减状态)			1.5	: 1
输入驻波比 (全衰减状态)			1.5	: 1
0.1db压缩点		27		dBm
输入IP3值		45		dBm
切换时间		100		ns
重量		20.13		g
阻抗		50		Ω
电流 (+5V/-5V)		150/80		mA
输入输出连接头	SMA-Female			
控制连接	MICRO-D9 (Female)			
表面处理	镀金			
腔体材料	铝			
封装形式	标准封装 (气密封装可选)			

## 2. 逻辑关系

TTL高低电平控制电压						低电压 (0)=0-0.8V
控制输入TTL						高电压 (1)=2-5V
C6	C5	C4	C3	C2	C1	衰减步进
0	0	0	0	0	0	损耗状态
0	0	0	0	0	1	1dB
0	0	0	0	1	0	2dB
0	0	0	1	0	0	4dB
0	0	1	0	0	0	8dB
0	1	0	0	0	0	16dB
1	0	0	0	0	0	32dB
1	1	1	1	1	1	63dB

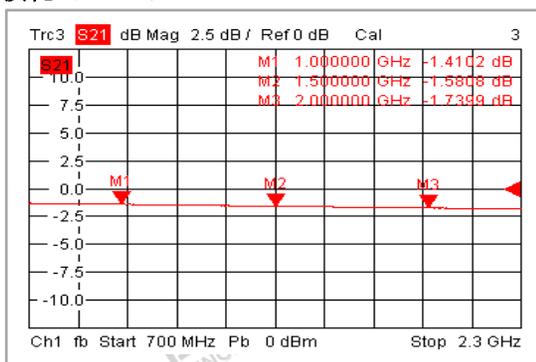
控制方式可按需求定制 (TTL控制、USB控制、MICRO-D控制、LAN网络控制)

## 3. 额定参数与环境

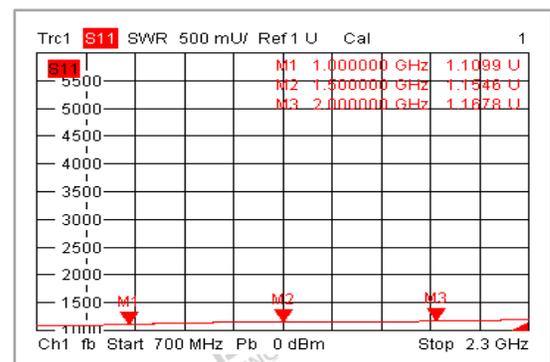
偏置电压	+5V ± 10% / -5V ± 10%
射频输入功率	+27dBm
工作温度	-45°C ~ +85°C
存储温度	-55°C ~ +125°C
海拔高度	762米 (环氧树脂密封条件)
	1524米, 最小1个标准大气压 (气密封装条件) (可选)

## 4. 产品测试图

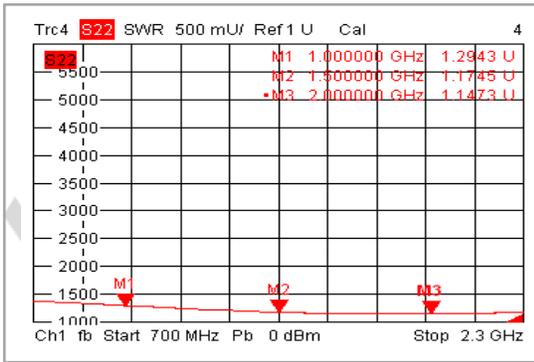
损耗 (+25°C)



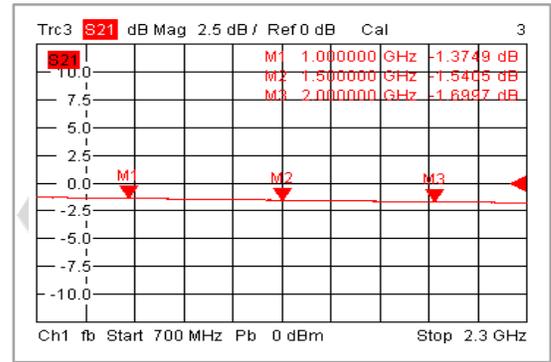
输入驻波比 (+25°C)



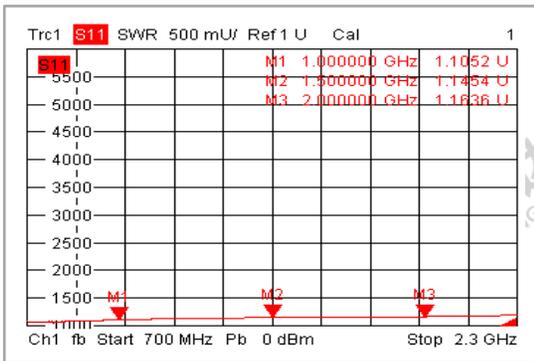
输出驻波比 (+25°C)



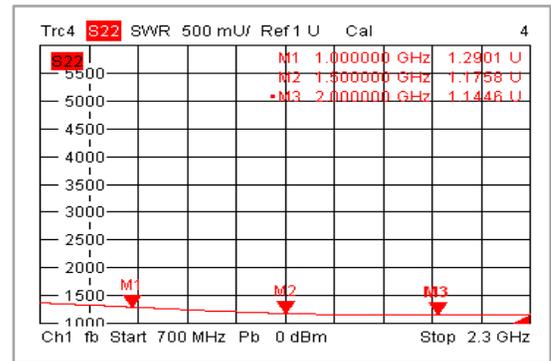
损耗 (-45°C)



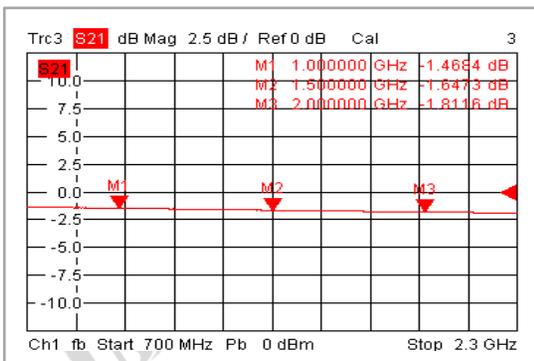
输入驻波比 (-45°C)



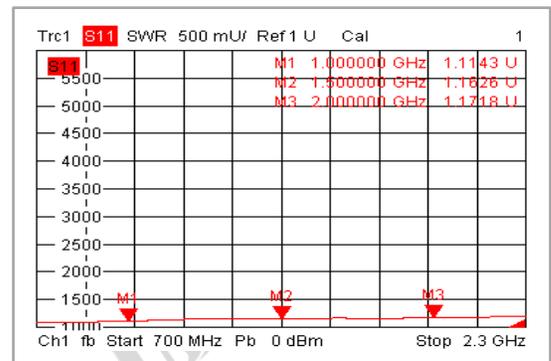
输出驻波比 (-45°C)



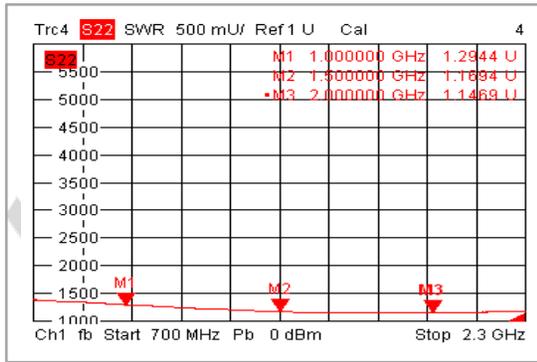
损耗 (+85°C)



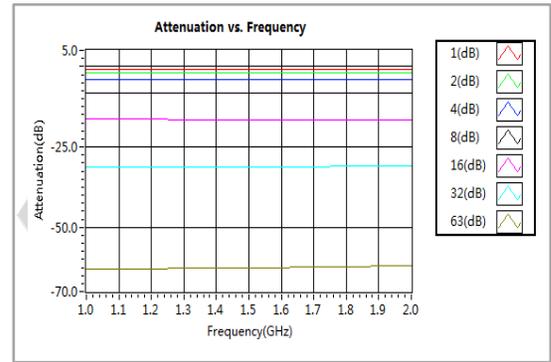
输入驻波比 (+85°C)



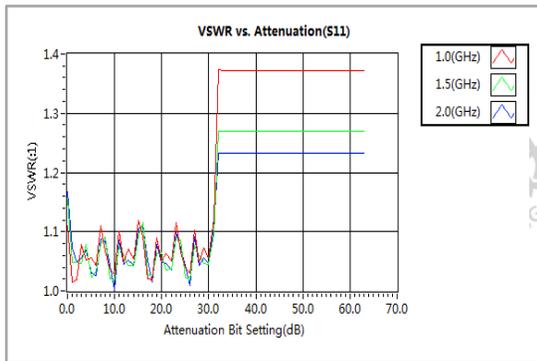
输出驻波比 (+85°C)



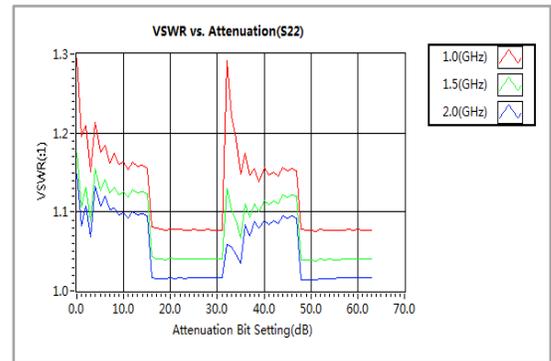
衰减/频率



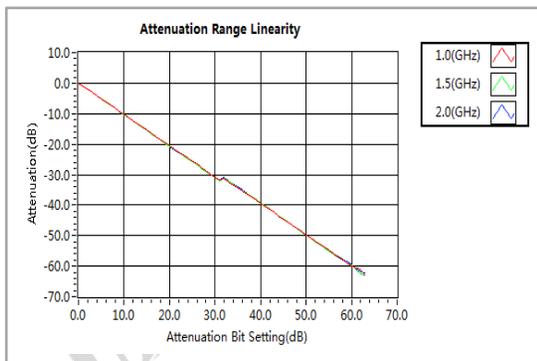
输入驻波比/衰减



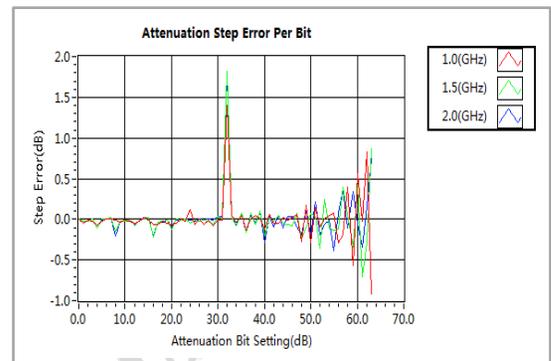
输出驻波比/衰减



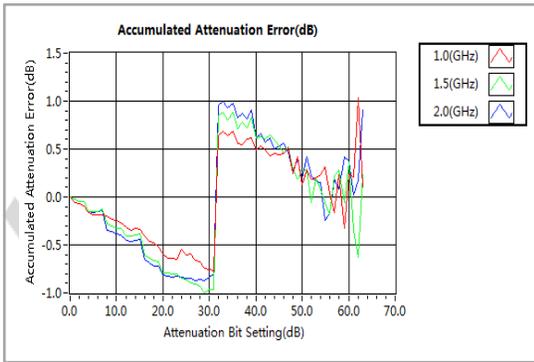
衰减范围线性指标



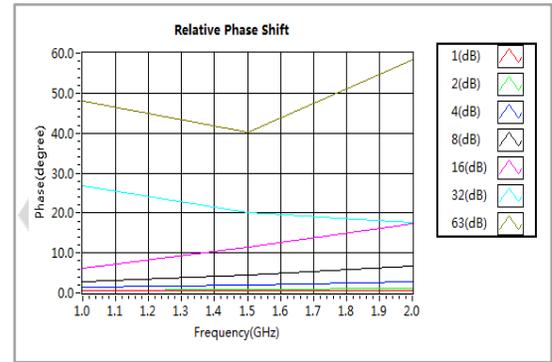
衰减步进偏差



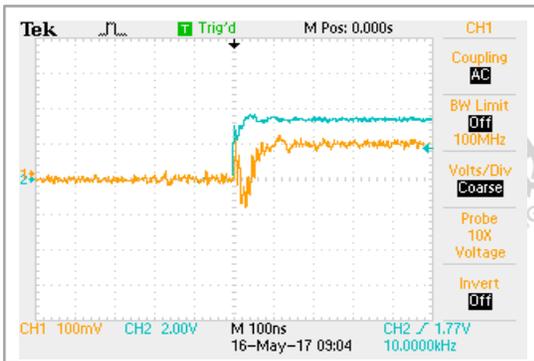
衰减累计偏差



衰减步进相位差



步进时间



步进时间

