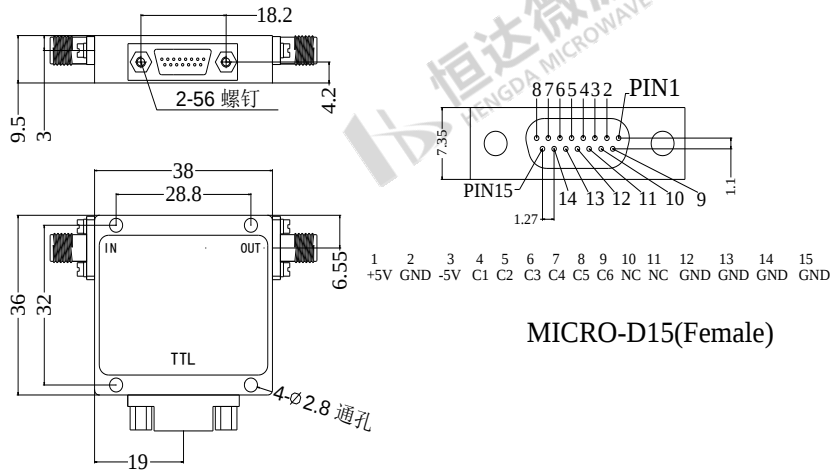


产品名称：吸收式数控衰减器

产品型号：HD-0140DA6B63K



1. 详细技术参数 (*为主要参数)

参 数	最小值	典型值	最大值	最小值	典型值	最大值	最小值	典型值	最大值	单位
频率范围*	0.1-18		18-30		30-40					GHz
衰减范围*		63			62			61		dB
衰减精度*		±4.0			±5.0			±6.0		dB
控制位数			6			6			6	Bit
步进值	1			1			1			dB
插损		10.0	11.0		12.0	13.0		14.0	15.0	dB
插损随温度变化值		0.01			0.01			0.01		dB/ ° C
输入驻波比 (全衰减状态)		1.8	2.1		1.9	2.0		1.9	2.0	: 1
输入驻波比 (全衰减状态)		1.8	2.1		1.9	2.0		1.9	2.0	: 1
0.1db压缩点		25			25			25		dBm
输入IP3值		45			45			45		dBm
切换时间	200									ns
重量	30.05									g
阻抗	50									Ω
电流 (+5V/-5V)	140/50									mA
输入输出连接头	2.92mm-Female									
控制连接	MICRO-D15 (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

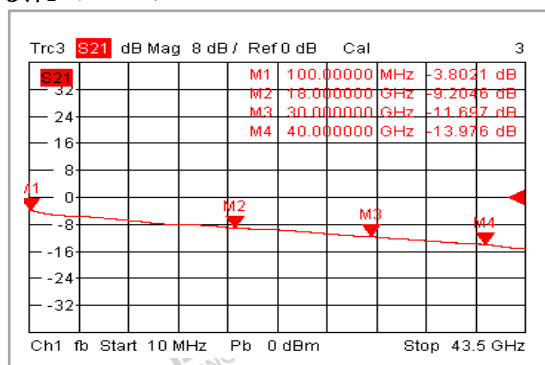
TTL高低电平控制电压						低电压 (0)=0-0.8V
						高电压 (1)=2.8-5V
控制输入TTL						衰减步进
C6	C5	C4	C3	C2	C1	损耗状态
1	1	1	1	1	1	
1	1	1	1	1	0	1dB
1	1	1	1	0	1	2dB
1	1	1	0	1	1	4dB
1	1	0	1	1	1	8dB
1	0	1	1	1	1	16dB
0	1	1	1	1	1	32dB
0	0	0	0	0	0	63dB
控制方式可按需求定制（TTL控制、USB控制、MICRO-D控制、LAN网络控制）						

3. 额定参数与环境

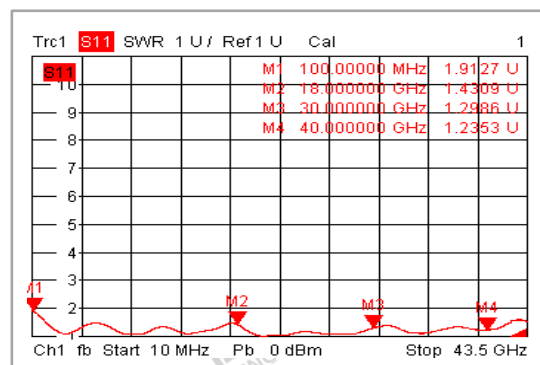
偏置电压	+5V±10%/-5V±10%
射频输入功率	+25dBm
工作温度	-45°C~+85°C
存储温度	-55°C~+125°C
海拔高度	762米（环氧树脂密封条件）
	1524米. 最小1个标准大气压(气密封装条件)(可选)

4. 产品测试图

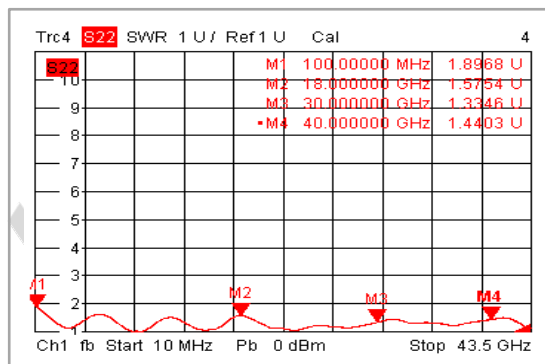
损耗（+25°C）



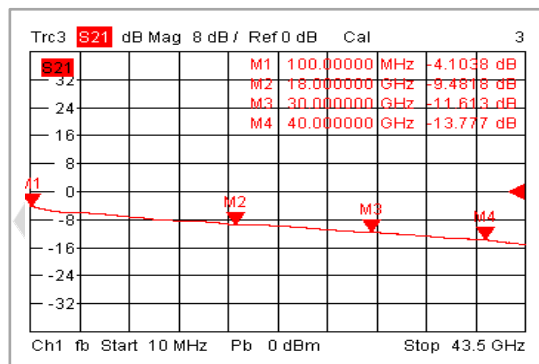
输入驻波比（+25°C）



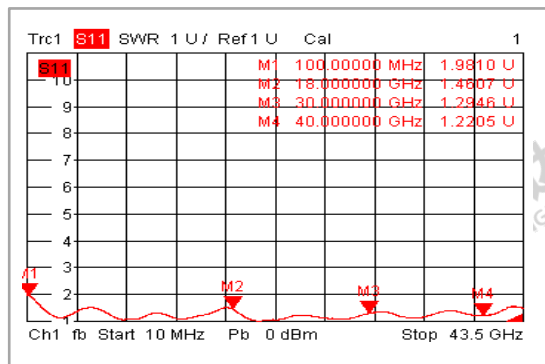
输出驻波比 (+25℃)



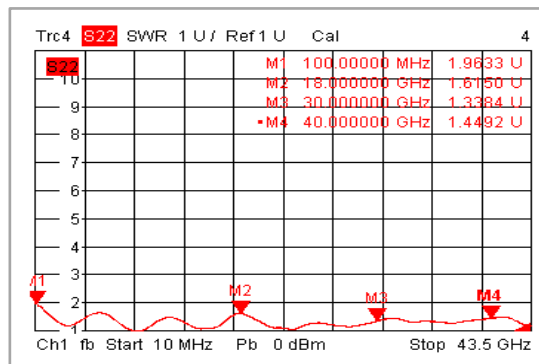
损耗 (-45℃)



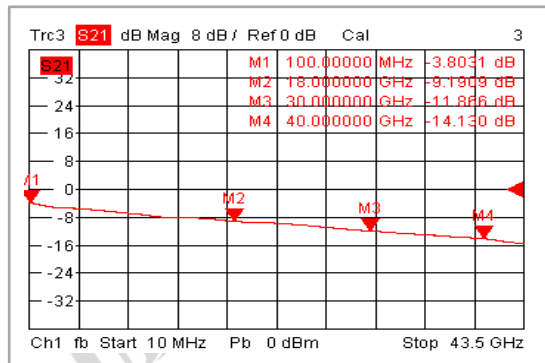
输入驻波比 (-45℃)



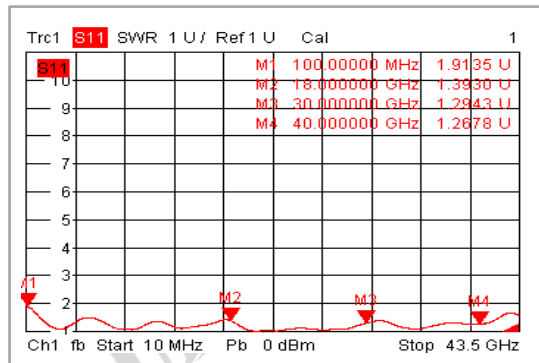
输出驻波比 (-45℃)



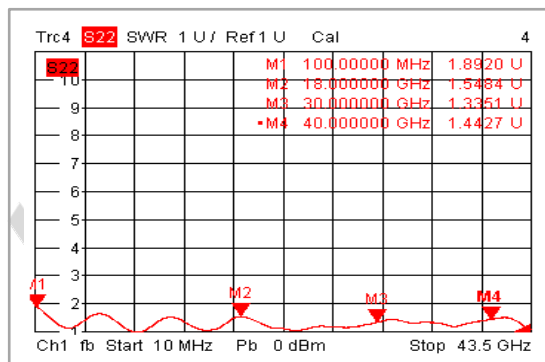
损耗 (+85℃)



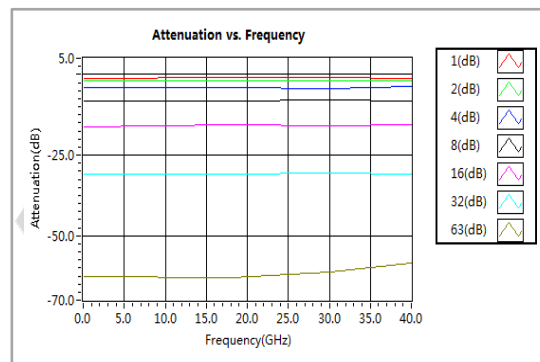
输入驻波比 (+85℃)



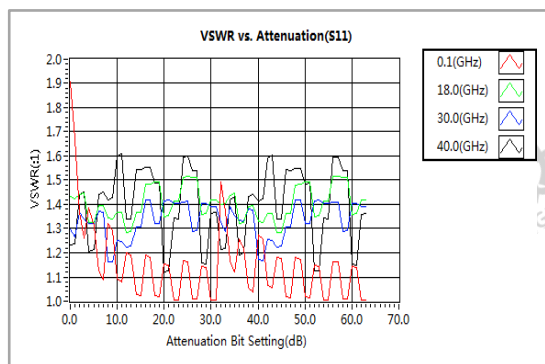
输出驻波比 (+85℃)



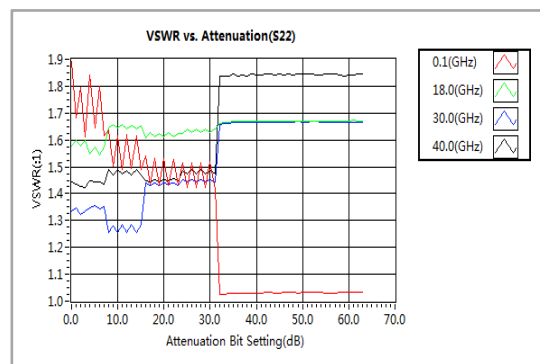
衰减值/频率



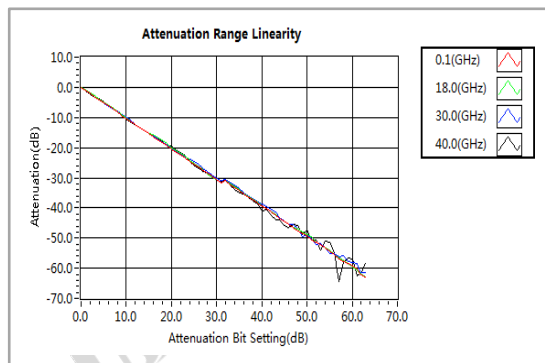
输入驻波比/衰减



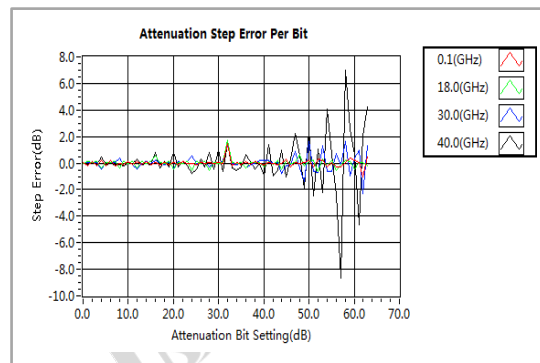
输出驻波比/衰减



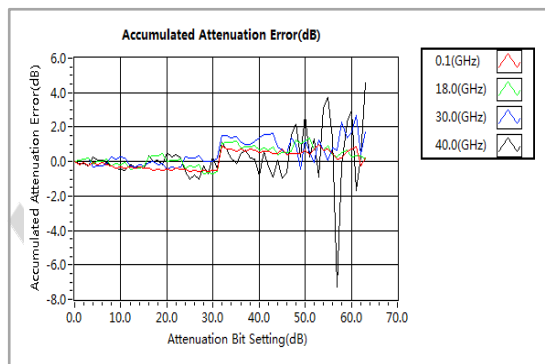
衰减范围线性指标



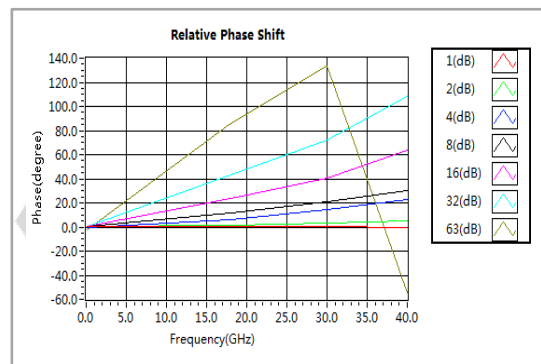
衰减步进偏差



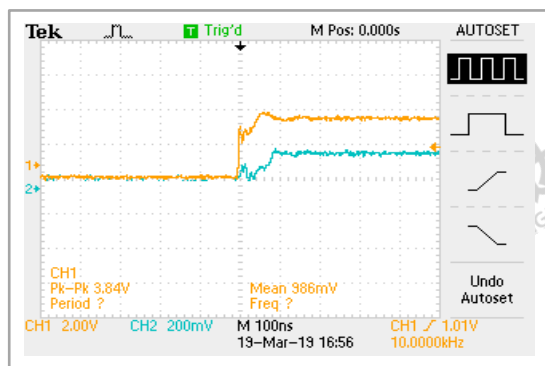
衰减累计偏差



衰减步进相位差



步进时间



步进时间

