

D317-11侧窗高压管座 The D317-11 High voltage tube socket for side window

D317-11侧窗高压管座，采用+15V电压输入，50k Ω 电位器或0-5V电压控制，使用简单方便。主要特点为内置分压器采用有源分压设计，可使光电倍增管拥有很高的直流输出线性。本产品适用于侧窗型光电倍增管，具有直流输出线性高、响应速度快、纹波噪声低等优点。

The high voltage tube socket uses $\pm 15V$ voltage input, 50k Ω potentiometer or 0-5V voltage control, easy to use and convenient. The main feature is that the built-in voltage divider adopts active voltage divider design, which can make the photomultiplier tube have high DC output linearity. This product is suitable for N2013 photomultiplier tube, which has the advantages of high linear DC output, wide output voltage range, fast response speed, low ripple noise and so on.



技术参数 Technical Specification

参数/Parameter	描述/值/Description/value	单位/Unit
适用PMT型号/Suitable photomultiplier tube	侧窗型PMT	-
输入电压/Input voltage	+15 \pm 1	V
输入电流/Input current ¹⁾	80	mA(Max)
输出电压/Output voltage	0~-1250	V
电压控制方式/Voltage control mode	0~+5V或50K Ω 电位器 potentiometers	-
基准电压/Reference voltage	5.33	V
PMT输出线性电流值 ¹⁾ (-1000V) /The PMT outputs a linear current value ¹⁾ (-1000V)	180	μ A(Typ)
输入调整率/Input regulation	0.01	%(Typ)
通断瞬态响应上升时间 ²⁾ /On-off transient response rise time ²⁾	80	ms(Typ)
温度系数/Temperature coefficient	0.03	%/ $^{\circ}$ C(Typ)
阳极输出纹波(峰-峰值) ³⁾ /Anodic output ripple (peak-to-peak) ³⁾	2	mV
工作温度/Operating temperature	0~+40	$^{\circ}$ C
工作湿度/Operating humidity	\leq 70%	-

1) : 线性电流变化小于2%。

2) : 高压变化0-99%。

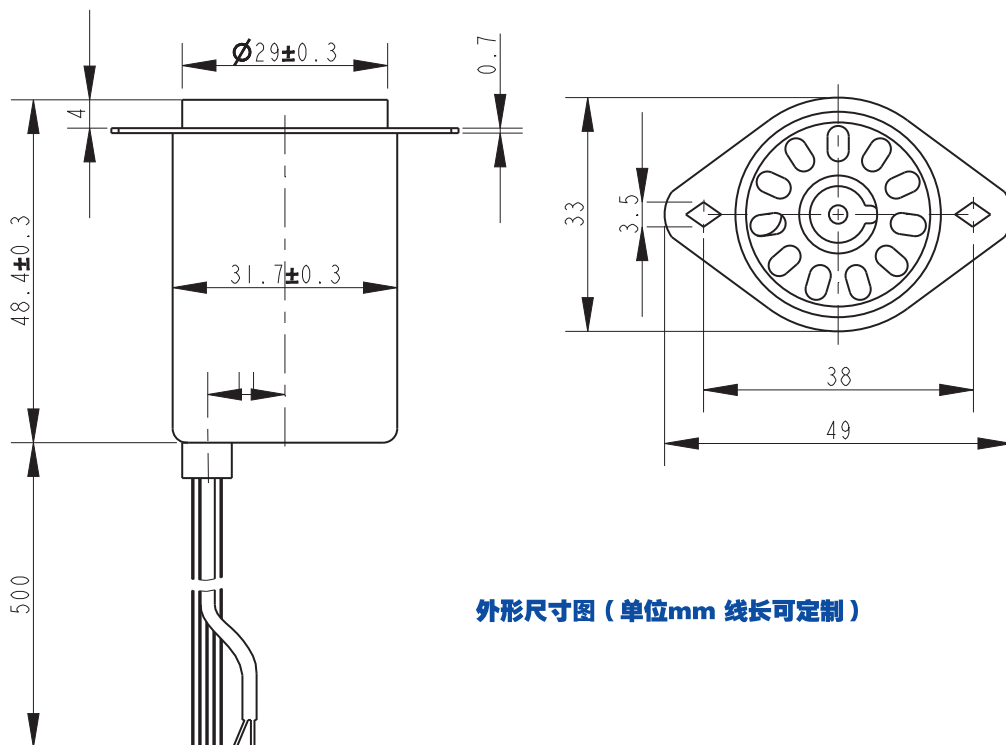
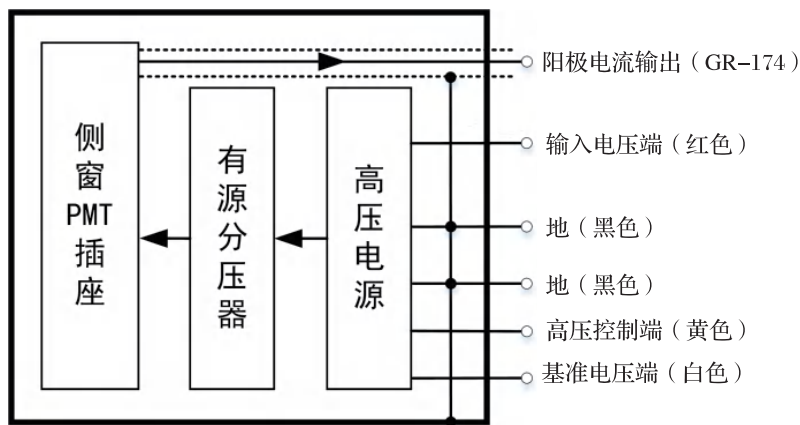
3) : 测试带宽20MHz, 负载电阻1M Ω 。

1) : Linear current variation is less than 2%.

2) : high voltage change 0~99%.

3) : test bandwidth 20MHz, load resistance 1M Ω .

线缆cable	电压控制voltage control	电阻控制resistance control
红线red line	+15V输入-15V input	+15V输入+15V input
黄线yellow line	0~5V控制电压0~5Vcontrol voltage	电位器中心抽头Potentiometer center tap
白线white line	悬空vacant	电位器一端Potentiometer end
黑线black line	地ground	地ground
黑线black line	地ground	地ground
屏蔽线shielded wire	信号输出signal output	



外形尺寸图 (单位mm 线长可定制)