

## TECHNICAL PARAMETER (技术参数)



- ▶ Description (描述)  
Ø50x50mm CeBr3 detector

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- ▶ Scintillation crystal (闪烁晶体)  
Ø50x50mm CeBr3

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- ▶ PMT (光电倍增管)  
Ø50mm, CR173 / R6231

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- ▶ Typical high voltage (高压范围)  
400V-1100V

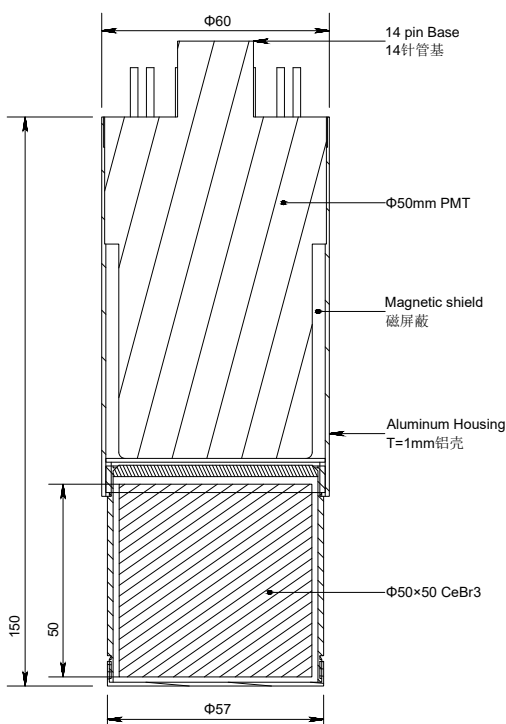
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- ▶ Temperature range (温度范围)  
-20 °C to +65 °C

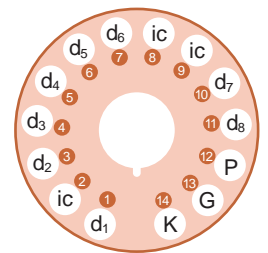
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- ▶ Energy resolution (能量分辨率)  
≤4.5%@Cs137

## DRAWING (尺寸图)



## CONNECTORS (接口)



### 14-pins JEDEC connector (standard pin layout)

|                  |                   |
|------------------|-------------------|
| Pin 1 = Dynode 1 | Pin 8 = n.c       |
| Pin 2 = n.c      | Pin 9 = n.c       |
| Pin 3 = Dynode 2 | Pin 10 = Dynode 7 |
| Pin 4 = Dynode 3 | Pin 11 = Dynode 8 |
| Pin 5 = Dynode 4 | Pin 12 = Anode    |
| Pin 6 = Dynode 5 | Pin 13 = Grid     |
| Pin 7 = Dynode 6 | Pin 14 = Cathode  |