

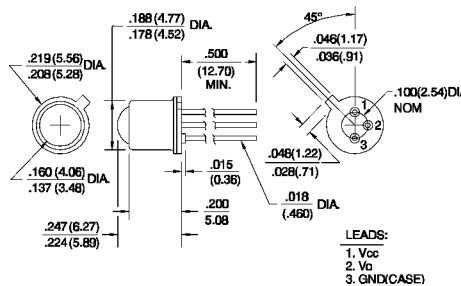
光电施密特接收管

| 封装形式                                                                                            | 型号          | 输出类型     | 输出逻辑 | 电源电压 |     | 导通辐射阈值<br>@ Vcc=5V                       |          | 接收角度 | 输出上升时间<br>(ns) | 输出下降时间<br>(ns) | 最高时钟频率<br>(KHz) | 高电平输出<br>电压或电流 |
|-------------------------------------------------------------------------------------------------|-------------|----------|------|------|-----|------------------------------------------|----------|------|----------------|----------------|-----------------|----------------|
|                                                                                                 |             |          |      | 最小值  | 最大值 | 最小值                                      | 最大值      |      |                |                |                 |                |
|                                                                                                 |             |          |      | (V)  | (V) | (mW/cm²)                                 | (mW/cm²) |      |                |                |                 |                |
| <br>TO-46, 球面镜 | SD5600-001  | 10KΩ上拉电阻 | 缓冲   | 4.5  | 16  |                                          | 2.5      | 6    | 60             | 15             | 100             | 2.4V           |
|                                                                                                 | SD5610-001  | 10KΩ上拉电阻 | 反相   | 4.5  | 16  |                                          | 2.5      | 6    | 60             | 15             | 100             | 2.4V           |
|                                                                                                 | SD5620-001  | 10KΩ上拉电阻 | 缓冲   | 4.5  | 16  |                                          | 0.25     | 6    | 60             | 15             | 100             | 2.4V           |
|                                                                                                 | SD5620-002  | 10KΩ上拉电阻 | 缓冲   | 4.5  | 16  |                                          | 0.13     | 6    | 60             | 15             | 100             | 2.4V           |
|                                                                                                 | SD5630-001  | 10KΩ上拉电阻 | 反相   | 4.5  | 16  |                                          | 0.25     | 6    | 60             | 15             | 100             | 2.4V           |
|                                                                                                 | SD5630-002  | 10KΩ上拉电阻 | 反相   | 4.5  | 16  |                                          | 0.13     | 6    | 60             | 15             | 100             | 2.4V           |
| <br>侧接收塑封      | SDP8004-301 | 推挽       | 缓冲   | 4.5  | 7   | 0.06                                     | 0.37     | 55   | 70             | 70             | 100             | 2.4V           |
|                                                                                                 | SDP8014-301 | 推挽       | 反相   | 4.5  | 7   | 0.06                                     | 0.37     | 55   | 70             | 70             | 100             | 2.4V           |
|                                                                                                 | SDP8304-301 | 集电极开路    | 缓冲   | 4.5  | 12  | 0.06                                     | 0.37     | 55   | 70             | 70             | 100             | 100uA          |
|                                                                                                 | SDP8014-301 | 集电极开路    | 反相   | 4.5  | 12  | 0.06                                     | 0.37     | 55   | 70             | 70             | 100             | 100uA          |
|                                                                                                 | SDP8604-301 | 10KΩ上拉电阻 | 缓冲   | 4.5  | 12  | 0.06                                     | 0.37     | 55   | 70             | 70             | 100             | 2.4V           |
|                                                                                                 | SDP8614-301 | 10KΩ上拉电阻 | 反相   | 4.5  | 12  | 0.06                                     | 0.37     | 55   | 70             | 70             | 100             | 2.4V           |
| <br>侧接收塑封      | SDP8371-001 | 集电极开路    | 缓冲   | 4.0  | 15  | 工作点典型值<br>62uW/cm²<br>释放点典型值<br>55uW/cm² |          | 180  | 200            | 200            | 30              | 1.0uA          |
| <br>侧接收塑封    | SDP8600-001 | 10KΩ上拉电阻 | 缓冲   | 4.5  | 12  |                                          | 2.5      | 55   | 60             | 15             | 100             | 2.4V           |
|                                                                                                 | SDP8601-001 | 10KΩ上拉电阻 | 缓冲   | 4.5  | 12  |                                          | 2.5      | 55   | 60             | 15             | 100             | 2.4V           |
|                                                                                                 | SDP8602-001 | 10KΩ上拉电阻 | 缓冲   | 4.5  | 12  |                                          | 2.5      | 55   | 60             | 15             | 100             | 2.4V           |
|                                                                                                 | SDP8610-011 | 10KΩ上拉电阻 | 反相   | 4.5  | 12  |                                          | 2.5      | 55   | 60             | 15             | 100             | 2.4V           |
|                                                                                                 | SDP8611-011 | 10KΩ上拉电阻 | 反相   | 4.5  | 12  |                                          | 2.5      | 55   | 60             | 15             | 100             | 2.4V           |
|                                                                                                 | SDP8612-011 | 10KΩ上拉电阻 | 反相   | 4.5  | 12  |                                          | 2.5      | 55   | 60             | 15             | 100             | 2.4V           |
|                                                                                                 | SDP8600-002 | 10KΩ上拉电阻 | 缓冲   | 4.5  | 12  |                                          | 1.2      | 55   | 60             | 15             | 100             | 2.4V           |
|                                                                                                 | SDP8601-002 | 10KΩ上拉电阻 | 缓冲   | 4.5  | 12  |                                          | 1.2      | 55   | 60             | 15             | 100             | 2.4V           |
|                                                                                                 | SDP8602-002 | 10KΩ上拉电阻 | 缓冲   | 4.5  | 12  |                                          | 1.2      | 55   | 60             | 15             | 100             | 2.4V           |
|                                                                                                 | SDP8610-002 | 10KΩ上拉电阻 | 反相   | 4.5  | 12  |                                          | 1.2      | 55   | 60             | 15             | 100             | 2.4V           |
|                                                                                                 | SDP8611-002 | 10KΩ上拉电阻 | 反相   | 4.5  | 12  |                                          | 1.2      | 55   | 60             | 15             | 100             | 2.4V           |
|                                                                                                 | SDP8612-002 | 10KΩ上拉电阻 | 反相   | 4.5  | 12  |                                          | 1.2      | 55   | 60             | 15             | 100             | 2.4V           |
|                                                                                                 | SDP8600-003 | 10KΩ上拉电阻 | 缓冲   | 4.5  | 12  |                                          | 0.6      | 55   | 60             | 15             | 100             | 2.4V           |
|                                                                                                 | SDP8601-003 | 10KΩ上拉电阻 | 缓冲   | 4.5  | 12  |                                          | 0.6      | 55   | 60             | 15             | 100             | 2.4V           |
|                                                                                                 | SDP8602-003 | 10KΩ上拉电阻 | 缓冲   | 4.5  | 12  |                                          | 0.6      | 55   | 60             | 15             | 100             | 2.4V           |
|                                                                                                 | SDP8610-003 | 10KΩ上拉电阻 | 反相   | 4.5  | 12  |                                          | 0.6      | 55   | 60             | 15             | 100             | 2.4V           |
|                                                                                                 | SDP8611-003 | 10KΩ上拉电阻 | 反相   | 4.5  | 12  |                                          | 0.6      | 55   | 60             | 15             | 100             | 2.4V           |
|                                                                                                 | SDP8612-003 | 10KΩ上拉电阻 | 反相   | 4.5  | 12  |                                          | 0.6      | 55   | 60             | 15             | 100             | 2.4V           |

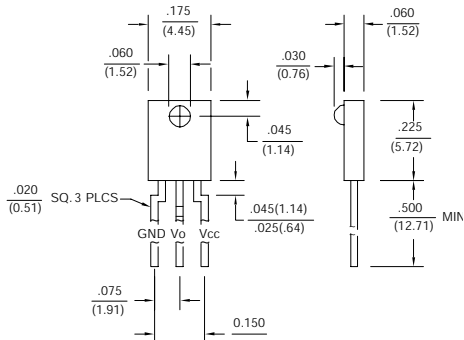
注释：迟滞定义为工作阈值和释放阈值光强的差值，以工作阈值光强的百分比来表示。

封装外形尺寸

所有尺寸单位为英寸（毫米）



SD5600/5610/5620/5630



SDP8004/8014/8304/8314/8604/8614

