## U11 series



PACKAGE DIMENSIONS inch（mm）


ABSOLUTE MAXIMUM RATINGS

| Parameter | Symbol | Rating | Units |
| :--- | :---: | :---: | :---: |
| Continuous Power Dissipation <br> Derate at $25^{\circ} \mathrm{C}$ | $\mathrm{P}_{\mathrm{D}}$ | 50 | mW |
| Temperature Range Operating and Storage | $\mathrm{T}_{\mathrm{A}}$ | -30 to +75 | ${ }^{\circ} \mathrm{C}$ |

## ELECTRO－OPTICAL CHARACTERICTICS＠ $25^{\circ} \mathrm{C}$

| Resistance（Ohms） |  |  |  | Spectral <br> Response <br> Peak（nm） | Senstivity（y） <br> Log（R3／R30） | Max <br> Voltage（V） |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Type | 10Lux（K $)^{\text {）}}$ |  | Dark／5sec（M 2 ） |  |  |  |
|  | Min | Max | Min |  |  |  |
| U116012 | 20 | 50 | 0.36 | 550 | 0.7 | 150 |
| U116013 | 35 | 220 | 1.2 | 550 | 0.85 | 150 |
| U116014 | 150 | 1000 | 3 | 550 | 0.9 | 150 |
| U116032 | 100 | 320 | 3 | 550 | 0.7 | 400 |

－Light Resistance：Measured at 10 Lux with light（2300K color temperature）and 60－90minutes illumination at 400－600 Lux prior testing．
－Dark Resistance：Measurd 5 seconds after closed 10 Lux．
－Soldering condition requirments：temperature：less than $260^{\circ} \mathrm{C}$
Time：less than 3 seconds
Distance from case：more than 3 mm

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