



## KPDS100-H54P

**Product code:** KPDS100-H54P

**Manufacturer:** Kyosemi Corporation

### Features:

- $\Phi 1.0\text{mm}$  sensitive area
- Cutoff wavelength  $3.5\mu\text{m}$
- TO-5 package
- One-stage TE cooler

### Applications:

- MID-IR sensors
- MID-IR spectroscopy
- Gas analysis
- Temperature sensors

<b>Package</b>	TO-5, hermetic seal, TE cooler
<b>Peak sens. wavelength (nm)</b>	3300
<b>Responsivity (mA/W) @<math>\lambda</math>(nm)</b>	1200 @ 3300
<b>Sensitive Area (mm)</b>	1.00 x 1.00
<b>Typology</b>	Thermoelectrically Cooled InGaAs-InAs Photodiodes