

Data sheet 2L4UV_CP5

Active area: 4,0 x 4,0 mm²

Chip area: 6,4 x 6,4 mm²

Characteristics	Min.	Typ.	Max.	Unit
Position non-linearity		1	2	% (±)
Detector resistance	7	10	16	kΩ
Leakage current		50	200	nA
Noise current		1,3	2,5	pA/√Hz
Responsivity		0,46		A/W
Capacitance		20	25	pF
Rise time (10%-90%)		80	160	ns
Bias voltage (reverse)	5	15	30	V
Thermal drift		40	200	ppm/°C
Maximum ratings				
Reverse voltage			30	V
Operating temperature			70	°C
Storage temperature			100	°C

Test conditions: Room temperature 23 °C, bias voltage 15V, light source wavelength 940 nm. Position non-linearity and thermal drift are valid within 80 % of the detector length.

Package: 4-pin ceramic package, 15.2 mm diameter, with protective sapphire window.

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