



Data sheet 1L2,5UV_CP2

Active area: 2,5 x 0,6 mm²

Chip area: 4,7 x 1,6 mm²

Characteristics	Min.	Typ.	Max.	Unit
Position non-linearity		1	2	% (±)
Detector resistance	40	50	80	kΩ
Leakage current		2	10	nA
Noise current		0,4	1,0	pA/√Hz
Responsivity		0,5		A/W
Capacitance		1,6	2,0	pF
Rise time (10%-90%)		30	50	ns
Bias voltage (reverse)	5	15	30	V
Thermal drift		20	100	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: 14-pin DIL package, 19,6 x 7,6 mm², with quartz window.

Registration no.	Part no.	Written by:	Date.
S1-0072-D_A	S1-0072	Anders Lundgren	2002-10-24