

Part number: **S2-0162**
Description: **2L10YAG_CP6**

Active area: 10 x 10 mm²
Chip area: 12,2 x 12,2 mm²

Characteristics	Min.	Typ.	Max.	Unit
Position non-linearity		0,3	0,8	% (±)
Detector resistance	7	10	16	kΩ
Leakage current		100	800	nA
Noise current		1,3	1,7	pA/√Hz
Responsivity		0,5		A/W
Capacitance		70	80	pF
Rise time (10%-90%)		350	600	ns
Bias voltage (reverse)	5	15	20	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 1064 nm. Position non-linearity and thermal drift are valid within 80 % of the detector length.

Package: Four-pin ceramic package, 25 x 25 mm², with protective window.