

**Part number:** **S2-0162**  
**Description:** **2L10YAG\_CP6**

Active area: 10 x 10 mm<sup>2</sup>  
 Chip area: 12,2 x 12,2 mm<sup>2</sup>

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 mm<sup>2</sup>, with protective window.