

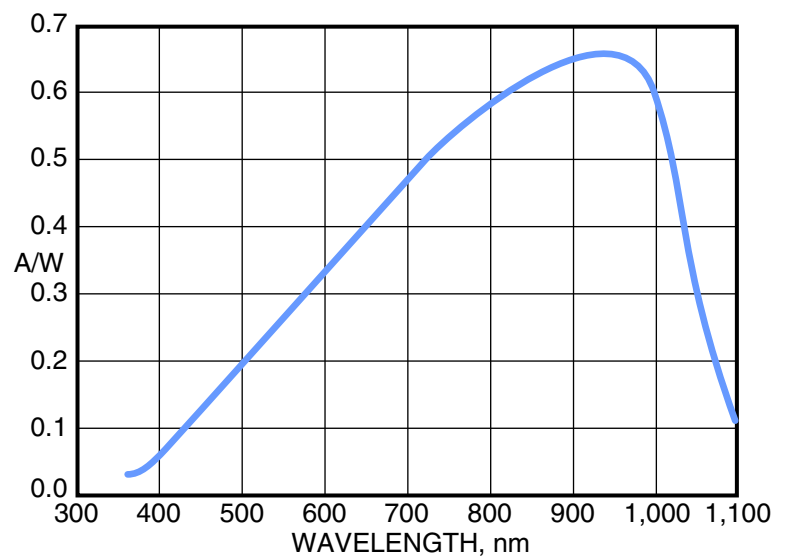
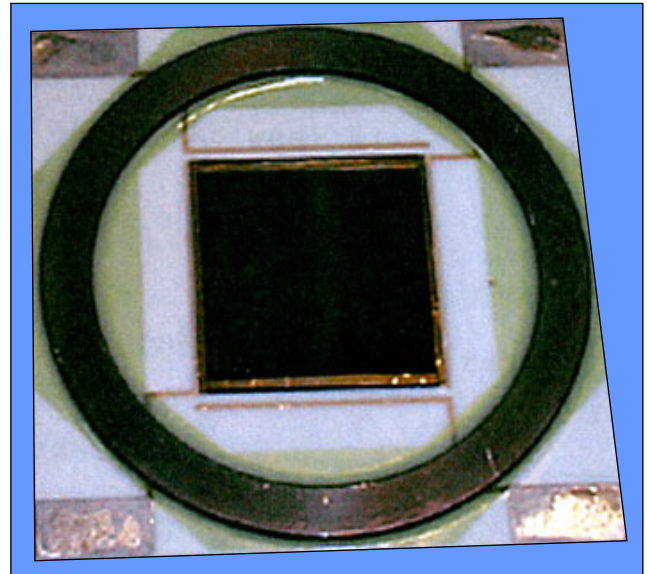
POSITION SENSING PHOTODIODE PSS-DL-100-7 Cer

SPECIAL CHARACTERISTICS

- Dual-axis, duo-lateral PSDs
- High position resolution
- Active area 10 x 10 mm
- High linearity

PARAMETERS

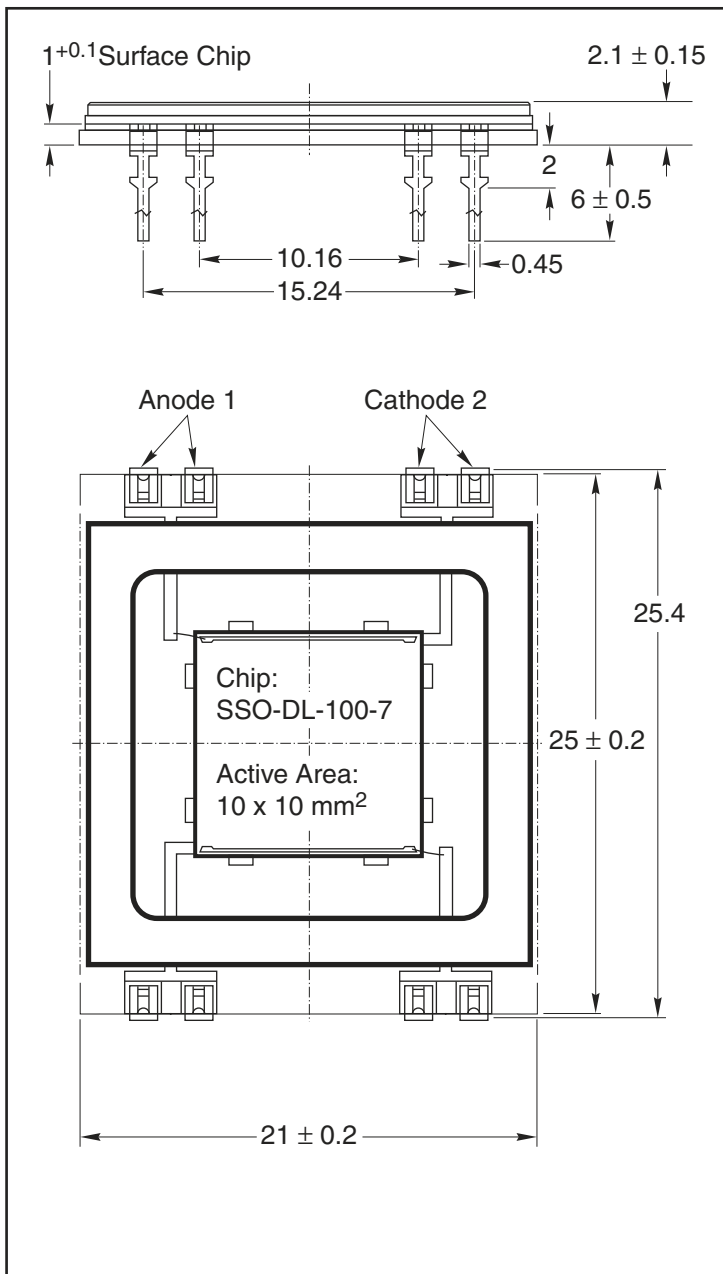
Part No.	PSS-DL-100 Cer
Active Area	10 x 10 mm 100 mm ²
Dark Current @ 10V	Typ. 800 nA
Capacitance ⁽¹⁾ @ 10V, 100kHz	Typ. 350 pF
Spectral Responsivity @ 633 nm @ 850 nm	Typ. 0.4 A/W Typ. 0.62 A/W
Interelectrode Resistance @ E = 0Ix	Typ. 12 k Ω
Rise Time @ 10V, 50 Ω , 865 nm	Typ. 4 μ s
Noise Limited Resolution @ 632 nm, 0, 5 μ W	0.3 μ m
Position Detection Error @ 632 nm	+/- 1%
Breakdown Voltage	Typ. 100
Package	(21) SMD with pins (22) SMD
Operating Temperature Storage Temperature	-20 ... +70°C -60 ... +100°C



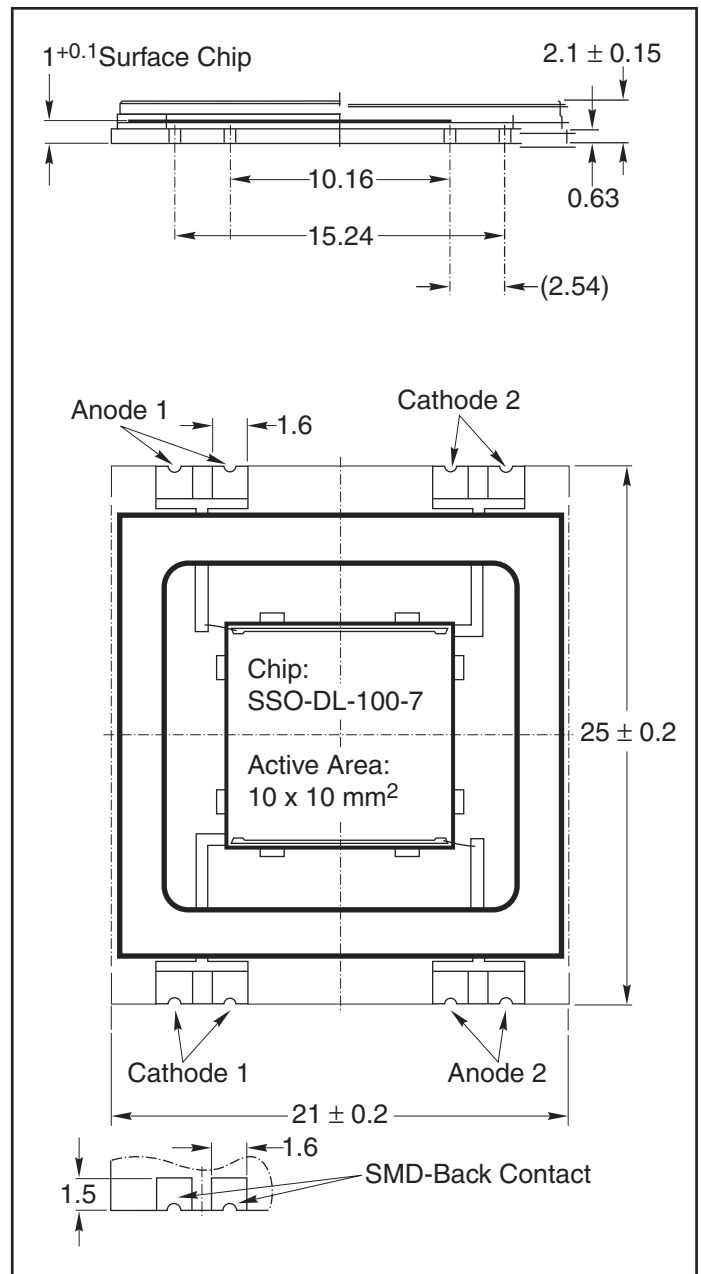
SPECTRAL RESPONSIVITY (A/W)

(1) Measurement Conditions: Measurement frequency 100 kHz

POSITION SENSING PHOTODIODE PSS-DL-100-7 Cer



PACKAGE 21 (SMD WITH PINS)



PACKAGE 22 (SMD)