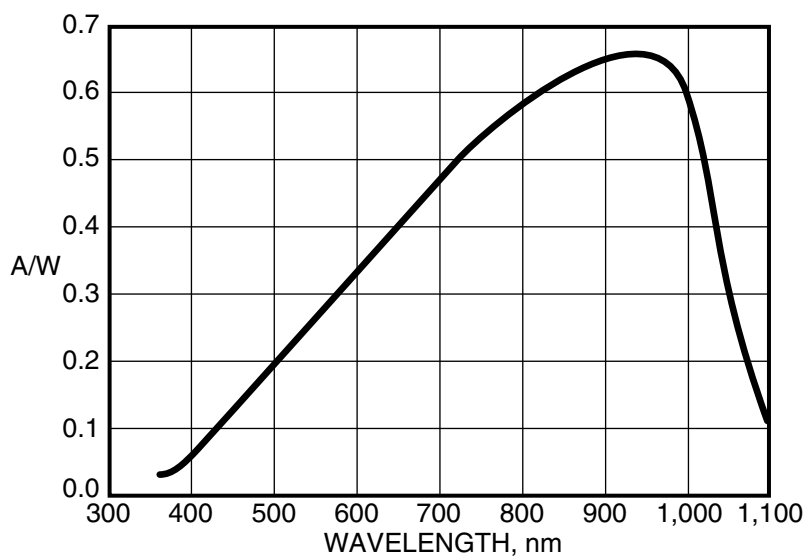
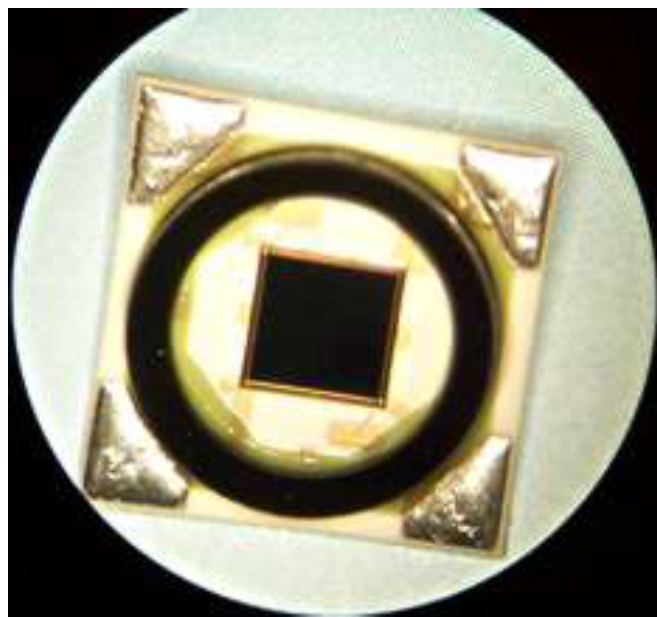


**PSS-DL-16-7 Cer****POSITION SENSING PHOTODIODE PSS-DL-16-7 Cer****SPECIAL CHARACTERISTICS**

- Dual-axis, duo-lateral PSDs
- High position resolution
- Active area 4 x 4 mm
- High linearity

PARAMETERS

Part No.	PSS-DL-16 Cer
Active Area	4 x 4 mm 16 mm ²
Dark Current @ 10V	Typ. 30 nA
Capacitance ⁽¹⁾ @ 10V, 100kHz	Typ. 15 pF
Spectral Responsivity @ 633 nm @ 850 nm	Typ. 0.4 A/W Typ. 0.62 A/W
Interelectrode Resistance @ E = 0lx	Typ. 10 k Ω
Rise Time @ 10V, 50 Ω , 865 nm	Max. 1 μ s Typ. 0.5 μ s
Noise Limited Resolution @ 632 nm, 0, 5 μ W	0.6 μ m
Position Detection Error @ 632 nm	+/- 1%
Breakdown Voltage	Typ. 15V
Package	(14) SMD
Operating Temperature Storage Temperature	-20 ... +70°C -60 ... +100°C

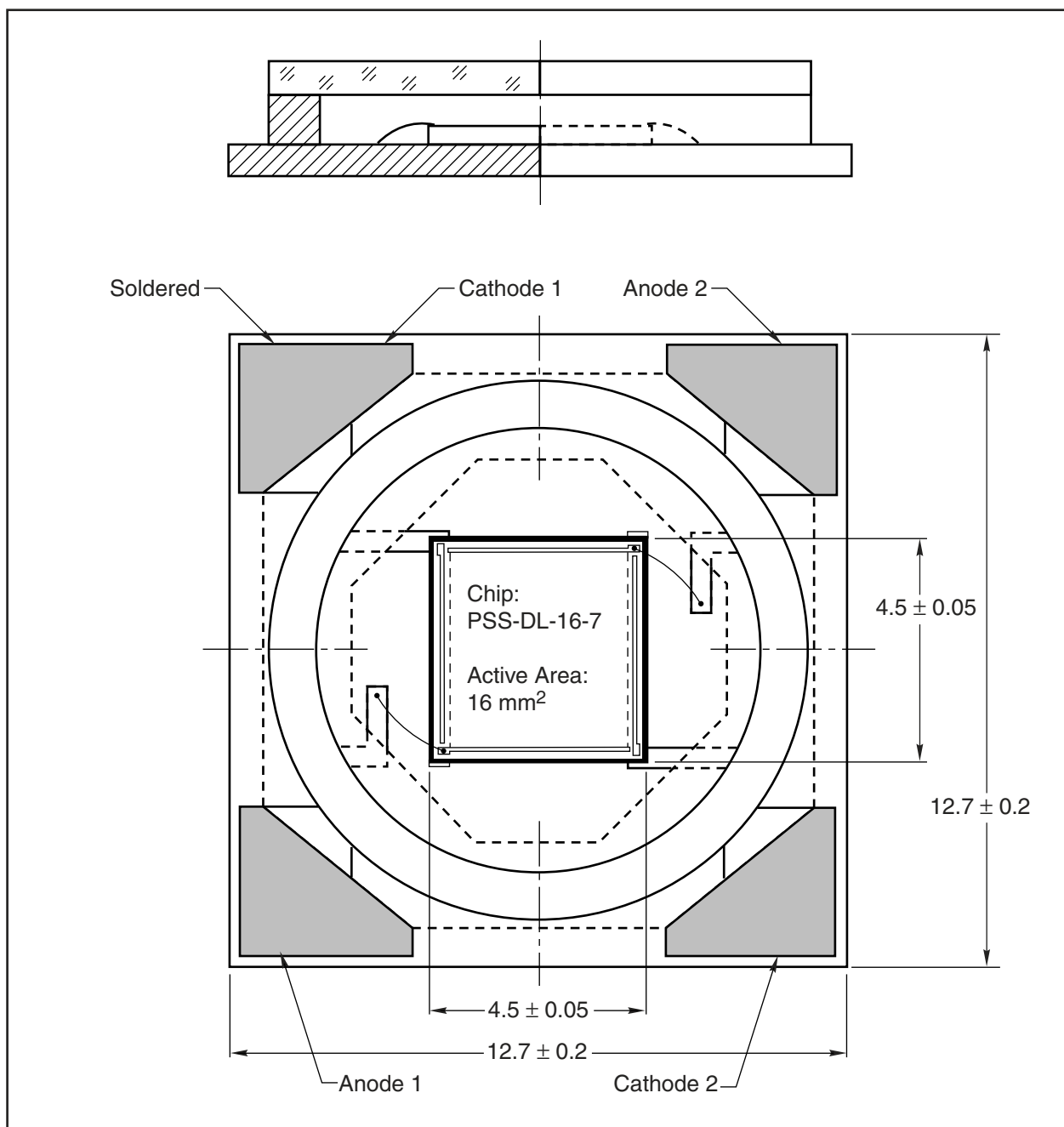
**SPECTRAL RESPONSIVITY (A/W)**

(1) Measurement Conditions: Measurement frequency 100 kHz



PSS-DL-16-7 Cer

POSITION SENSING PHOTODIODE PSS-DL-16-7 Cer



PACKAGE 14 (SMD)