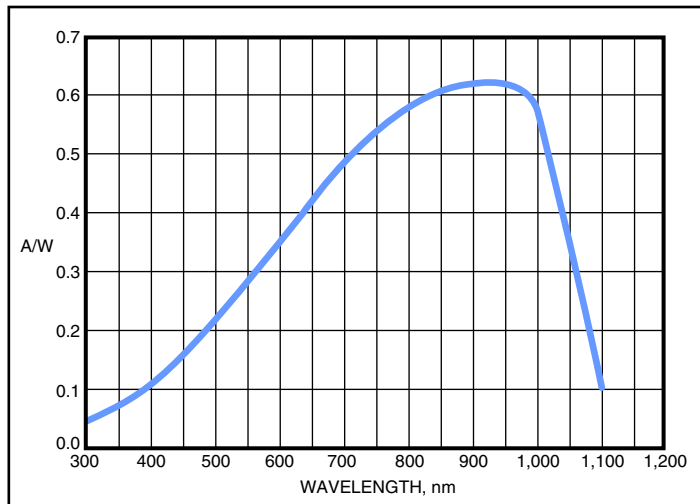


DATA SHEET

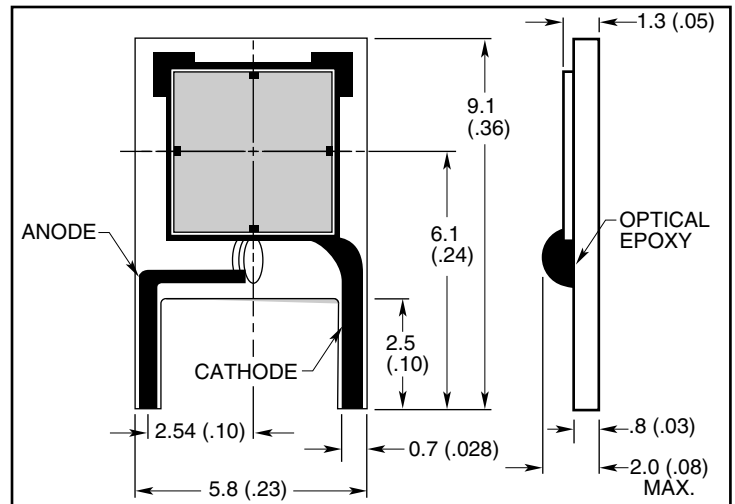
PSS15-7-P

LARGE AREA SILICON PHOTODIODE PSS15-7-P

PSS15-7-P is a PIN Silicon PHOTODIODE with an Active Area 15 mm². It combines excellent blue light sensitivity with more than average Near IR response. This product is packaged on PCB board without a window. **Pacific Silicon Sensor Inc.** can also fabricate Silicon Detectors to your specifications.



SPECTRAL RESPONSE



OUTLINE DIMENSIONS

PHOTODIODE CHARACTERISTICS

PART NO.	ACTIVE AREA mm ²	ACTIVE AREA (size) mm	DARK CURRENT nA @ 12V		CAPACITANCE PF @		RISE TIME @ 663 nm ns	NEP W/H ^{1/2} OV@ 663 nm
			TYP	MAX	0V	12V		
PSS15-7-P	15	4.3 x 4.3	5	10	150	30	25	3 x 10 ⁻¹⁴

ABSOLUTE MAXIMUM RATINGS

DC REVERSE VOLTAGE	PEAK DC CURRENT	STORAGE TEMPERATURE	OPERATING TEMPERATURE	SOLDERING TEMPERATURE
30 volts	10 mA	-40°C to +100°C	-25°C to 75°C	240°C for 10 sec.