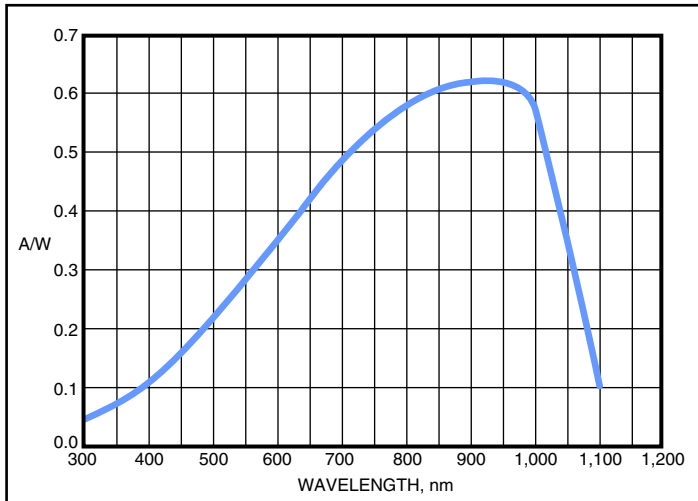
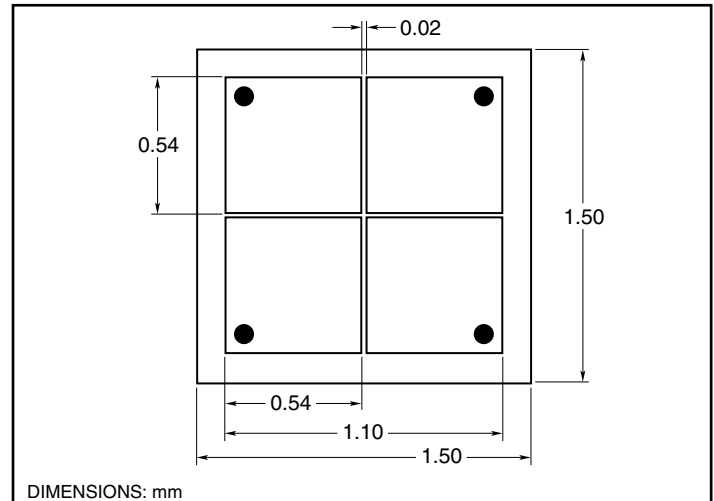


SILICON PHOTODIODE TYPE PSS1515Q-6-C

PSS1515Q-6-C is a quadrant silicon photodiode chip with an active area of 0.3 mm² for each quadrant. Quadrant photodiodes find applications in electro-mechanical apparatus and are frequently used in conjunction with laser beams for alignment and target acquisition. This chip may be mounted on custom printed circuit boards or is available as a standard product in a hermetically sealed package. Please see our PSS1515Q-6-TO5.



SPECTRAL RESPONSE



OUTLINE DIMENSIONS

PHOTODIODE CHARACTERISTICS:

PART NO.	ACTIVE AREA mm ²	EACH QUADRANT ACTIVE AREA (size) mm	DARK CURRENT nA @ 1V		CAPACITANCE PF @		RISE TIME @ 663 nm μs	NEP W/H ^{1/2} OV @ 663 nm
			TYP	MAX	0V	10V		
PSS1515Q-6-C	0.3 x 4	0.54 x 0.54	1	5	30	10	0.1	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	N/A