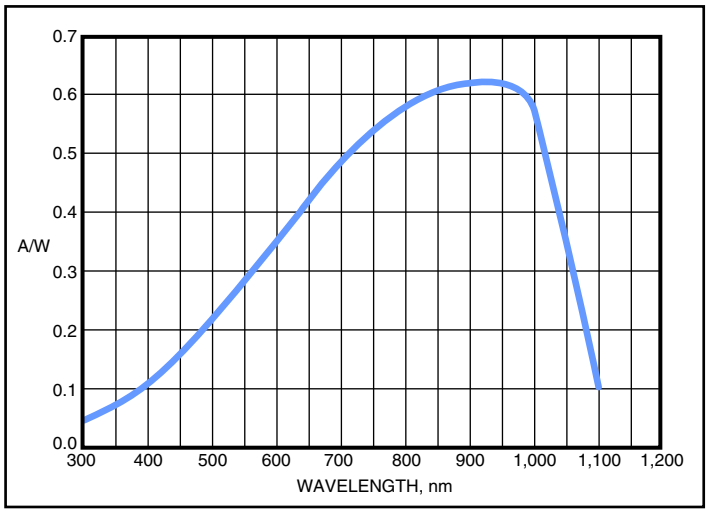
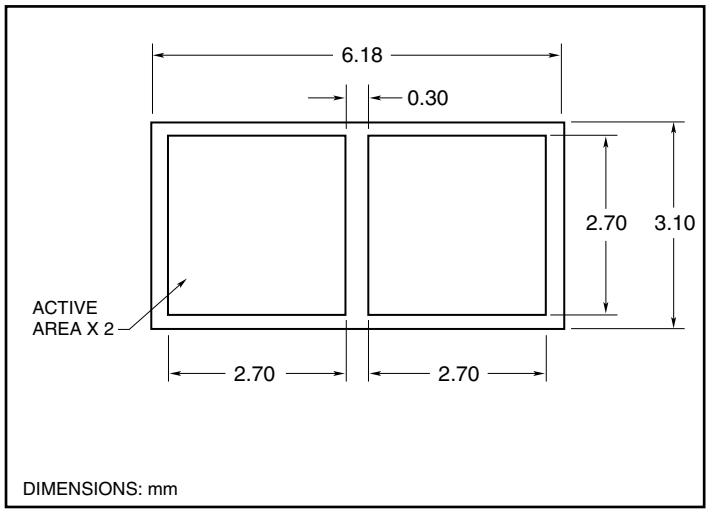
DATA SHEET PSS33D-6-C

SILICON PHOTODIODE TYPE PSS33D-6-C (CHIP)

PSS33D-6-C is a dual silicon photodiode chip with an active area of 2.7 mm^2 for each half. Dual photodiodes are used in null sensing circuits such as used in electronic balances and line followers. The chip may be mounted on custom circuit boards or available as a standard product in a hermetically sealed TO-5 package. Please see our **PSS33D-6-TO5**.



SPECTRAL RESPONSE



OUTLINE DIMENSIONS

PHOTODIODE CHARACTERISTICS:

PART NO.	ACTIVE AREA mm^2	EACH HALF ACTIVE AREA (size) mm	DARK CURRENT nA @ 12V		CAPACITANCE PF @		RISE TIME @ 663 nm µs	NEP $W/H^{1/2}$ OV@ 663 nm
			TYP	MAX	0V	12V		
PSS33D-6-C	7.2 x 2	2.7 x 2.7	5	10	75	25	0.2	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

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