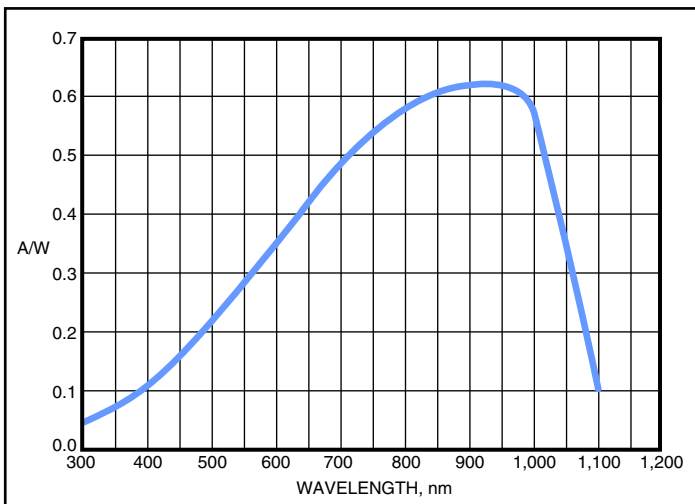


DATA SHEET

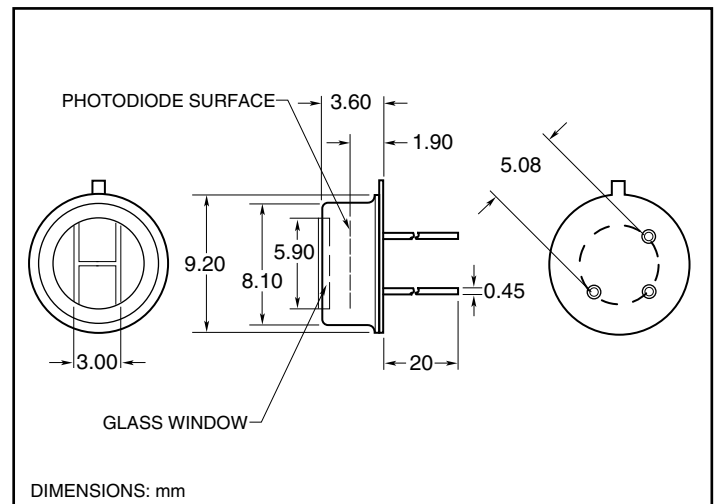
PSS33D-6-TO5

SILICON PHOTODIODE TYPE PSS33D-6-TO5

PSS33D-6-TO5 is a dual silicon photodiode with an active area of 2.8 mm² for each half. Dual photodiodes are used in null sensing circuits such as used in electronic balances and line followers. It is mounted in a hermetically sealed glass and metal package (TO-5). The chip only is also available. Please see our **PSS33D-6-C**.



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 μs	NEP W/H ^{1/2} OV @ 663 nm
			TYP	MAX	0V	12V		
PSS33D-6-TO5	7.9 x 2	2.8 x 2.8	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	240°C for 10 sec.