

PR43 MID-IR PHOTORESISTOR

Material: PbSe

TECHNICAL SPECIFICATIONS (Ta = 20°C)

Wavelength range (50%) 1.00 - 4.50 μm

Maximum responsivity (>90%) $3.8 \pm 0.1 \mu\text{m}$

Zero bias resistance (10 mV) 20 - 100 k Ω

D* (573K, 800 Hz, 1 Hz) (5-10) $10^8 \text{ W}^{-1} \text{ cm Hz}^{1/2}$

Voltage / Watt sensitivity 350 - 1000 V/W

Rise and fall times of photocurrent pulse 10 μs

Photosensitive area 2.0 x 2.0 mm

Package TO-5

