

Radiation	Type	Electrodes
Infrared	AlGaAs	N (Cathode) up

SPECIFICATIONS

(1)Material	AlGaAs
(2)Size	350 X 350μm (typ)
(3)Thickness	180μm (typ)
(4)Electrode	Top-side N(Cathode) Au Bottom-side P(Anode) Au

Electrical & Optical Characteristics (Ta = 25°C)

ITEMS	SYMBOL	CONDITIONS	MIN	TYP	MAX	UNIT
Forward Voltage	VF	If=20mA	--	1.4	1.8	V
Reverse Current	IR	Vr=5V	--	--	100	uA
Power Output*	Po	If=20mA	--	9.0	--	mW
Peak Wavelength	λp	If=20mA	--	850	--	nm
Spectral Bandwidth at 50%	Δλ0.5	If=20mA	--	25	--	nm

* As mounted onTO-18 gold header without resin coating



We reserve the right to make changes to improve technical design and may do so without further notice. Parameters can vary in different applications. All operating parameters must be validated for each customer application by the customer.