

Extended InGaAs Photodiodes

GAP3000-2.05-TEC2-TO66

Wavelength range

1200nm – 2200nm

Package

TO-8

Technical Data

Conditions @ - 10°C	Min.	Max.	Units
Cutoff Wavelength (50% of peak)	(Typ.) 2050		Nm
Active Area Diameter	1950	2050	µm
AR Coating Wavelength Band	1200	2200	Nm
@ 1300 nm	0.50	(Typ.) 0.60	A/W
@ 1550 nm	0.80	(Typ.) 0.90	A/W
@ 1900 nm	0.85	(Typ.) 1.0	A/W
VR = 0.5 V		20	nA
VR = 0 V		(Typ.) 8000	pF
-10°C		1.5	Volts
-10°C		1.3	Amps
R _{Th} @ T = 25°C		(Typ.) 1.1	KΩ
@ λ _p	(Typ. 3. E-13)		W/√Hz
50Ω, -3dB, 0 V	0.9		MHZ
Maximum Voltage Rating	0.5		Volts

TOLERANCES

ALL DIMS. ARE IN INCHES
XX PLACE DEC.±.010
XXX PLACE DEC.±.005
FRACTIONS±1/64
ANGLES±0.5°

