

OPTOENERGY

1030nm Singlemode Laser Diode

5.6 ϕ -CAN



Product Specifications at 25°C

Type	OE2 series		
Model No.	A3002323051		
Operating light output	P _o	mW	300
Center wavelength	λ_c		1030
Threshold current	I _{th}	mA	45
Operating current	I _{op}	mA	400
Operating voltage	V _{op}	V	1.4
Spectral width	$\Delta\lambda$	nm	2
Spectral temperature shift	d λ /dT	nm/K	0.3
Far-field parallel FWHM	$\theta_{//}$	deg.	7
Far-field perpendicular FWHM	θ_{\perp}	deg.	34
Polarization			TE

Absolute Maximum Ratings

			min	max	
Forward current	I _{max}	mA	-	600	ϕ 5.6CAN 1030
Reverse voltage	V _{rmax}	V	-	2.0	
Operating temperature	T _{op}	°C	-20	50	
Storage temperature	T _{st}	°C	-40	85	
Process temperature	T _{pr}	°C	-	250	<5s, Package lead

