



EB-BC-12-0940-10-001

	Unit	Min	Typ	Max
Optical				
Center Wavelength	nm	930	940	950
Wavelength Tolerance	nm		±10	
Output Power	W		12	
Operation Mode	#		CW	
Fast Axis Divergence (FWHM)	Deg		55	60
Slow-axis Divergence (FWHM)	Deg		9.5	12
Spectral Width (FWHM)	nm		4	5
Wavelength Temperature Coefficient	nm/°C		0.33	
Electrical				
Power Conversion Efficiency	W/A	60	64	
Slope Efficiency	A	1	1.1	
Threshold Current	A		0.5	
Operating Current	V		12	13
Operating Voltage	#		1.6	1.7
Geometric Size				
Emitter Width	μm		90	
Cavity Length	mm		4.5	
Width	μm		400	
Thickness	μm	135	145	155

Product Features



High Reliability



High Efficiency



High Power

Application Area



Vehicle LiDAR