

EB-BC-500-0905-10-001

3 Junctions and 4 Channels



	Unit	Min	Typ	Max
Optical				
Center Wavelength	nm	895	905	915
Wavelength Tolerance	nm		±10	
Output Power	W		500	
Operation Mode	#		Pulse	
Fast Axis Divergence (FWHM)	Deg		24	32
Slow-axis Divergence (FWHM)	Deg		8	10
Spectral Width (FWHM)	nm		6	
Wavelength Temperature Coefficient	nm/°C		0.3	
Electrical				
Slope Efficiency	W/A		3.3	
Threshold Current	A		3.0	
Operating Current	A		160	
Operating Voltage	V		11	
Geometric Size				
Emitter Width	µm		200	
Cavity Length	mm		0.8	
Width	µm		400	
Emitter Number	#		4	
Thickness	µm	135	145	155

Product Features



High Reliability



3 Junctions and 4 Channels



Low Divergence

Application Area



Vehicle



Robotic Sensing