

Product Code: 7817-M001**Product Description: BrightLock® 1726nm, 50W Peak Power Acne laser**

	Unit	Min	Typical	Max
Optical ¹				
Peak Power in Pulse Mode	W	-	-	50
Pulse Duration	ms	-	35	-
Duty Cycle	-	-	-	70%
Wavelength (centroid) in Pulse Mode	nm	1724	1726	1729
Spectral Width (FWHM) in Pulse Mode	nm	-	2.5	4
Wavelength Temperature Coefficient	nm/° C	-	0.17	-
Electrical				
Operating Current	A	-	55	62
Maximum Operating Voltage	V	-	5	6
Fiber data				
Fiber Core Diameter	µm		600	
Fiber NA	-		0.22	
Fiber Termination	-		SMA905	
Environmental				
ESD	V	-	-	500
Operating Housing Temperature Range ²	° C	20	25	35
Operating Humidity ²	%	15		75
Storage Temperature Range ²	° C	-20		70

Notes

1. Maximum single pulse peak power is 50W, maximum duty cycle is 70%. The specified performance is tested at 35ms pulse duration and 70% duty cycle.
2. Non condensing environment.

Outline Dimensions

