

Item Number: 8808-0030**Item Description: 878.6nm Wavelength-stabilized, 115W, 200µm or 400um Fiber-coupled Module**

	Unit	Min	Typical	Max
Optical				
Nominal CW Output Power	W	115	-	-
Wavelength	nm	-	878.6	-
Wavelength Tolerance	nm	-	±0.5	-
Spectral Width (FWHM)	nm	-	0.5	1
Wavelength Temperature Coefficient	nm/°C	-	0.01	-
Power Conversion Efficiency	%	-	48	-
Electrical				
Operating Current	A	-	13	14
Threshold Current	A	-	1.4	-
Maximum Operating Voltage	V	-	18.8	-
Fiber data				
Fiber Core Diameter (user defined)	µm		200 or 400	
Fiber NA	-		0.22	
Fiber Termination	-	-	SMA905	-
Fiber Length	m		1.2	
Fiber Bend Radius	mm	30 or 75	-	-
Mechanical, sensor and integration				
Housing Dimension			See Drawing	
Lead Soldering Temp			260°C for < 10 seconds	
Environmental				
ESD	V	-	-	500
Operating Housing Temperature	°C	0	25	35
Others				
Back Reflection Isolation 1030-1200nm	dB	15		

Notes

1. Specified performance to be tested at 25C module base temperature
2. A non-condensing environment is required for operation and storage. Storage conditions are from -20 to +70 °C with relative humidity between 5 to 85 %.

Outline Dimensions

