

Item Number: 8808-0032**Item Description: 888nm Wavelength Stabilized, 175W, 200µm Fiber-coupled Diode Module**

	Unit	Min	Typical	Max
Optical				
Nominal CW Output Power	W	175	180	-
Wavelength	nm	-	888	-
Wavelength Tolerance	nm	-	±0.5	-
Spectral Width (FWHM)	nm	-	0.3	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	-	30	32
Fiber data				
Fiber Core Diameter	μm		200	
Fiber NA	-		0.22	
Fiber Length	m	1.1	1.2	1.3
Fiber Termination	-		SMA905	
Fiber Bend Radius	Mm	30	-	-
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	50
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

