

Item Number: 8808-0029**Item Description: 808nm, 135W, 400µm Fiber-coupled Diode Module**

	Unit	Min	Typical	Max
Optical				
Nominal CW Output Power	W	135	-	-
Wavelength	nm	-	808	-
Wavelength Tolerance	nm	-	±3	-
Spectral Width (FWHM)	nm	-	3	-
Wavelength Temperature Coefficient	nm/°C	-	0.28	-
Power Conversion Efficiency	%	-	45	-
Electrical				
Operating Current	A	-	10	11
Threshold Current	A	-	2.3	-
Maximum Operating Voltage	V	-	33.2	-
Fiber data				
Fiber Core Diameter	μm		400	
Fiber NA	-		0.22	
Fiber Length	m		1.2	
Fiber Termination	-		SMA905	
Fiber Bend Radius	Mm	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

