

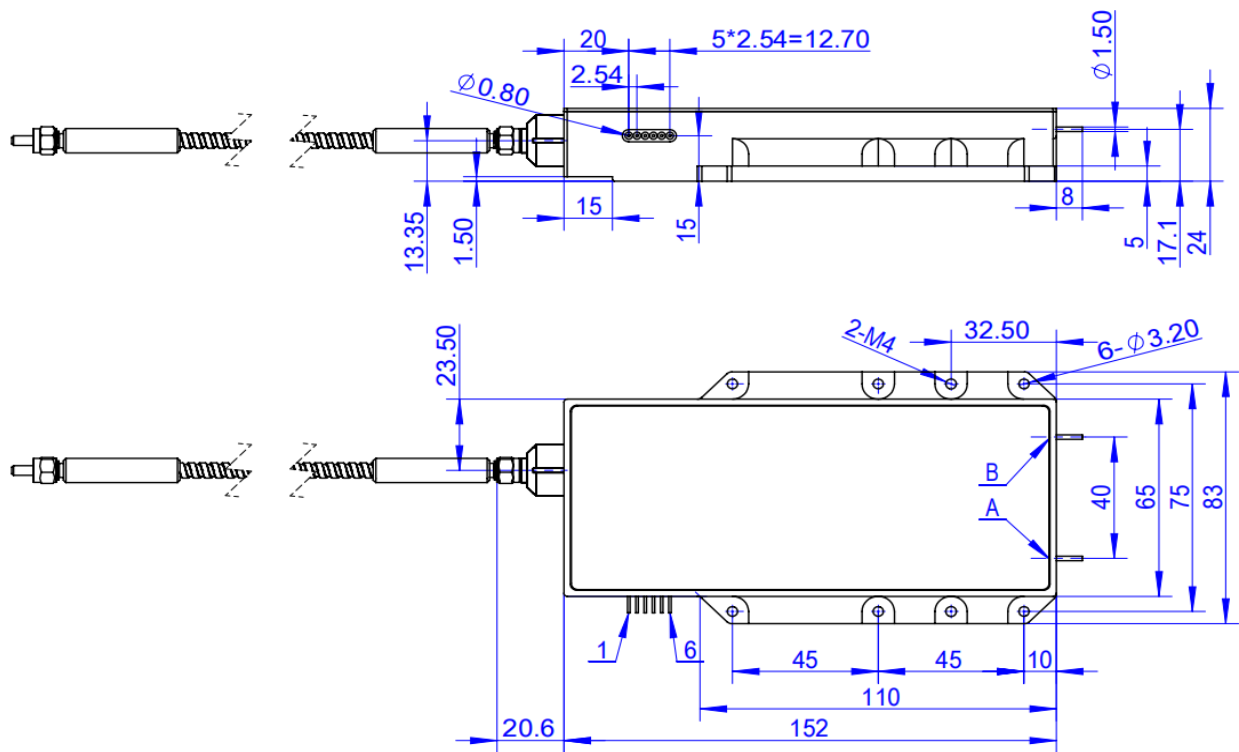
Item Number: 8815-P002**Item Description: 1550nm, 25W, 105µm fiber-coupled module**

	Unit	Min	Typical	Max
Optical				
Nominal CW Output Power	W	25.0	-	-
Wavelength	nm	1535	1550	1565
Spectral Width (FWHM)	nm	-	10	20
Wavelength Temperature Coefficient	nm/°C	-	0.5	-
Slope Efficiency	W/A	-		-
Power Conversion Efficiency	%	-	20	-
Electrical				
Operating Current	A	-	8.5	9
Threshold Current	A	-	-	-
Maximum Operating Voltage	V	-	16	17
Maximum Reverse Voltage	V		-	
Fiber data				
Fiber Cladding Diameter	μm		125	
Fiber Core Diameter	μm		105	
Fiber NA	-		0.22	
Fiber Length	m	-	1.5	-
Fiber Output Connector	-		SMA	
Fiber Bending Radius	mm	20	-	-
Monitoring Photo Diode				
Output signal at full power	μA	100	-	250
Mechanical, sensor and integration				
Housing Dimensions			See Drawing	
Lead Soldering Temp			260°C for < 5 seconds	
Temperature sensor (built-in NTC Thermistor)	KΩ		10±3% @25 °C (β:3950)	
Environmental				
ESD	V	-	-	500
Operating Housing Temperature Range	°C	20	25	30
Operating Humidity	%	15		75
Storage Temperature Range	° C	-20		70

Notes

1. Specified performance to be tested at 25C module base temperature
2. Non-condensing operating environment required

Outline Dimensions and Pin-out



LD PIN	NOTES
A	LD-
B	LD+

PIN	ASSIGNMENT
1	NA
2	NA
3	PD-
4	PD+
5	RT
6	RT

