

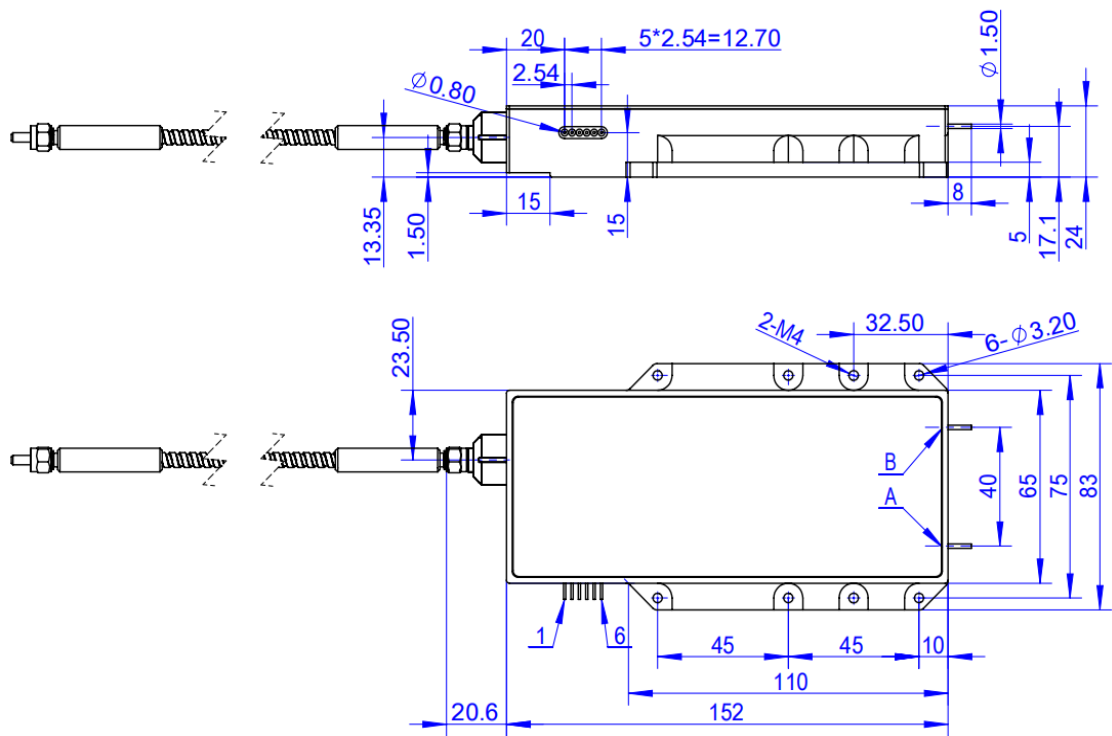
Product Code: 8817-P016**Product Description: 1720nm, 15W, 105µm fiber-coupled module with power monitoring photodiode**

	Unit	Min	Typical	Max
Optical				
CW Output Power	W	-	-	15
Wavelength at Rated Power	nm	1700	1720	1740
Spectral Width (FWHM) at Rated Power	nm	-	10	20
Wavelength Temperature Coefficient	nm/° C	-	0.7	-
Power Conversion Efficiency	%	-	15	-
Electrical				
Operating Current	A	-	6	-
Maximum Operating Voltage	V	-	15	16.5
Fiber data				
Fiber Cladding Diameter	µm		125	
Fiber Core Diameter	µm		105	
Fiber NA	-		0.22	
Fiber Length	m		1.5	
Fiber Termination	-		FCUPC	
Fiber Bend Radius	mm	20	-	-
Thermistor				
Type	-		NTC	
Resistance at 25 ° C	KΩ		10±3%@ β: 3950	
Laser Power Monitoring Photodiode				
Signal at full power	uA	100	-	250
Environmental				
ESD	V	-	-	500
Operating Housing Temperature Range	° C	20	25	30
Operating Humidity	%	15		75
Storage Temperature Range	° C	-20		70
Others				
Lead Soldering Temperature	° C*s		260° C for <10s	

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	Assignment	PIN	Assignment
A	LD-	1	NA
B	LD+	2	NA
		3	PD-
		4	PD+
		5	RT
		6	RT

