

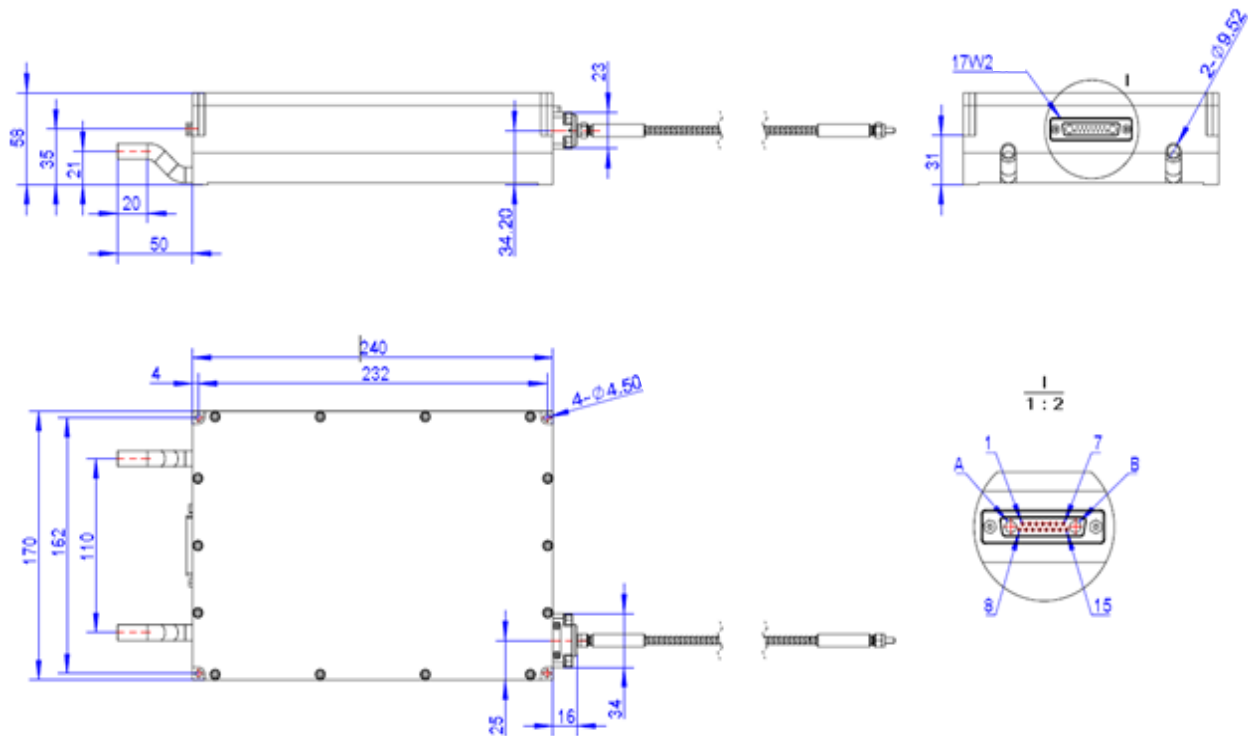
Product Code: 8817-A014**Product Description: 1720nm, 80W, 400µm fiber-coupled module with aiming beam**

	Unit	Min	Typical	Max
Optical				
CW Output Power	W	-	-	80
Wavelength at Rated Power	nm	1705	1720	1735
Spectral Width (FWHM) at Rated Power	nm	-	10	20
Wavelength Temperature Coefficient	nm/° C	-	0.7	-
Power Conversion Efficiency	%	-	18	-
Electrical				
Operating Current	A	-	9	11
Maximum Operating Voltage	V	-	48	52
Fiber data				
Fiber Cladding Diameter	µm		440	
Fiber Core Diameter	µm		400	
Fiber NA	-		0.22	
Fiber Length	m		5	
Fiber Termination	-		SMA905	
Fiber Bend Radius	mm	75	-	-
Thermistor				
Type	-		NTC	
Resistance at 25 ° C	KΩ		10	
Aiming Beam				
Wavelength	nm		660	
Optical Power	mW	1		
Voltage	V	3		5
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	NOTES	DB15	NOTES
A	LD-	1	RT
B	LD+	2	RT
		3	NA
		4	NA
		5	NA
		6	NA
		7	NA
		8	NA
		9	NA
		10	NA
		11	NA
		12	NA
		13	NA
		14	+3-5V DC to Aiming Beam
		15	Aiming beam ground

