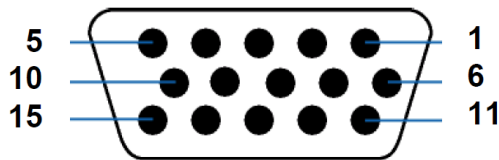
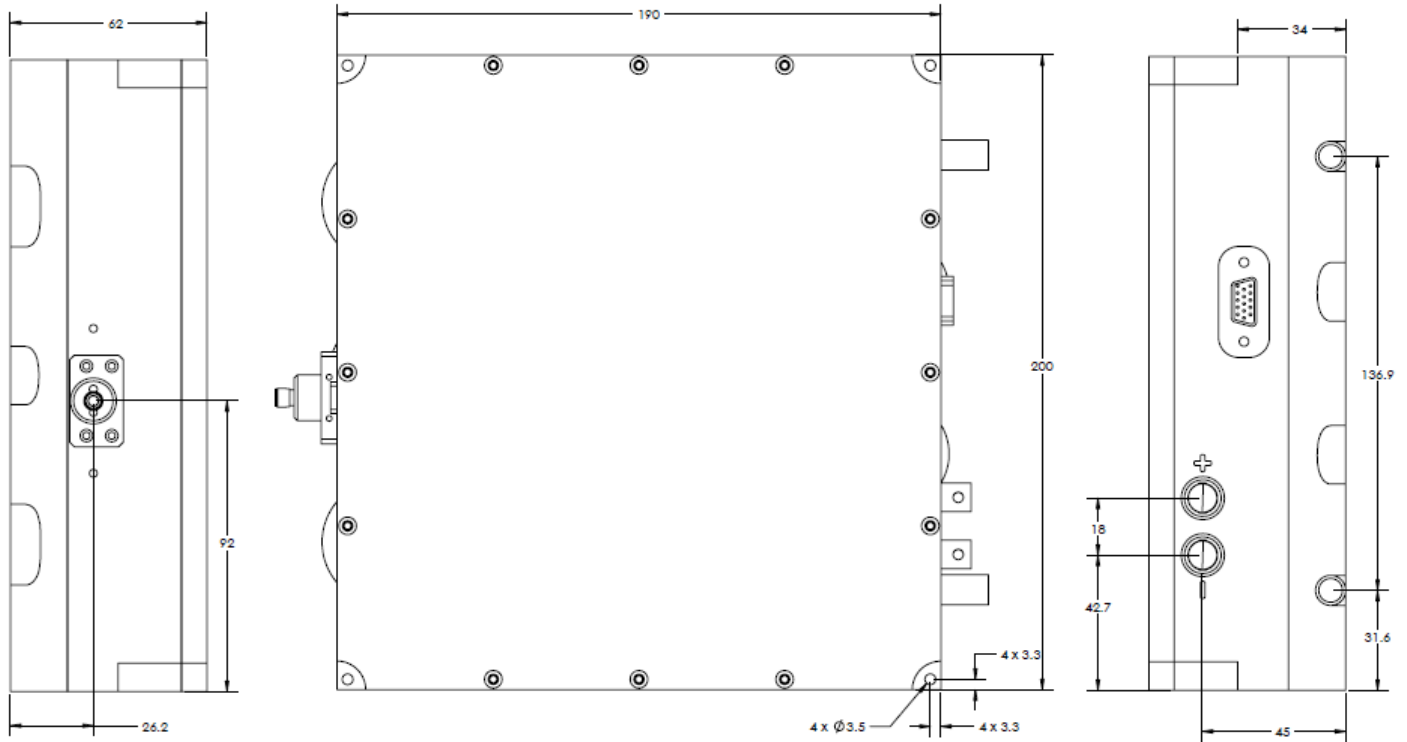


**Item Number: 6417-0005****Item Description: 1725nm, 80W, 550µm fiber-coupled module with options**

Parameter	Units	Minimum	Typical	Maximum
<b>Optical</b>				
CW Output Power from Fiber	W	80		
Center Wavelength	nm	1715	1725	1735
Spectral Width (FWHM)	nm			20
Fiber Core Diameter	µm		550	
Fiber NA	-		0.22	
Temperature tuning coefficient	nm/°C		0.7	
<b>Electrical (FCA)</b>				
Operating Current (I <sub>OP</sub> )	A		50	60
Operating Voltage (V <sub>OP</sub> )	V		10.5	12
E-O conversion efficiency	%		15	
<b>Thermal</b>				
Operating Temperature	°C	20	25	30
Storage Temperature	°C	-20		70
<b>Mechanical</b>				
Module dimensions	mm		200 x 190 x 62	
Fiber length	m		User defined	
Fiber Input connector	-		HP-SMA 905	
<b>Thermistor</b>				
Type	-		NTC	
Resistance at 25°C	KΩ		10	
<b>Optional Aiming Beam</b>				
Wavelength	nm			635 +/- 10
Optical power	mW			>=1.0
<b>Optional Monitoring Photo Diode</b>				
Output signal at full power	µA	50		250
<b>Control signal</b>				
Interfacing		DB-15 connector at module back wall		

**Notes**

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



Pin number	Assignment
1	Thermistor
2	Thermistor
3	Not used
4	Not used
5	Monitor Photodiode +
6	Monitor Photodiode -
7	Not used
8	Not used
9	Not used
10	Not used
11	Not used
12	Not used
13	Not used
14	Aiming beam +5V DC
15	Aiming beam ground

