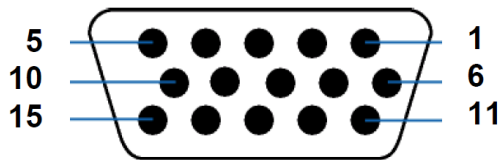
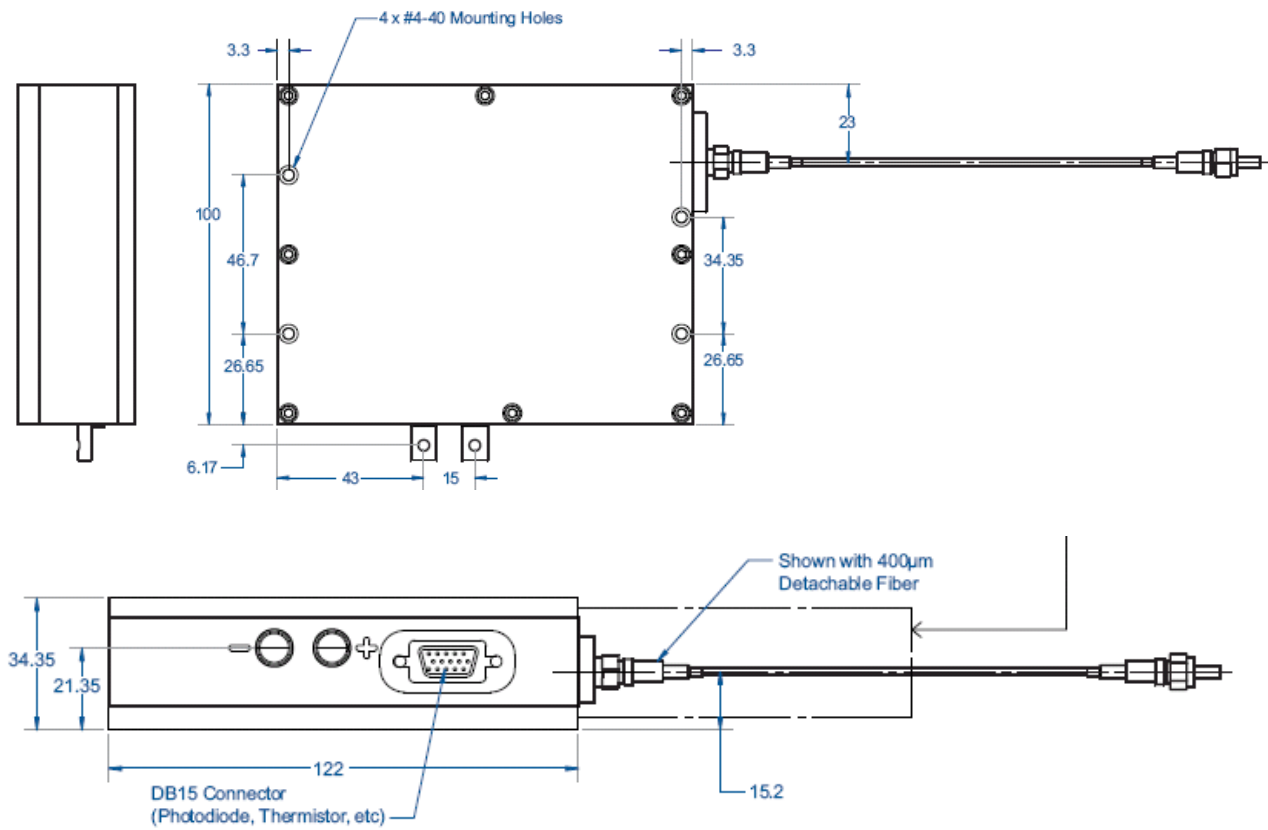


Item Number: 6216-A011**Item Description: 1680nm, 30W, 400um fiber-coupled module for transparent plastic welding**

Parameter	Units	Minimum	Typical	Maximum
Optical				
CW Output Power from Fiber	W	30		
Center Wavelength	nm	1660	1680	1700
Spectral Width (FWHM)	nm			20
Fiber Core Diameter	µm		400	
Fiber NA	-		0.22	
Temperature tuning coefficient	nm/°C		0.7	
Electrical (FCA)				
Operating Current (I _{OP})	A		50	55
Operating Voltage (V _{OP})	V		4.0	4.8
E-O conversion efficiency	%		15	
Thermal				
Operating Temperature	°C	20	25	30
Storage Temperature	°C	-20		70
Mechanical				
Module dimensions	mm		122 x 100 x 34.4	
Fiber Input connector	-		HP-SMA 905	
Thermistor				
Type	-		NTC	
Resistance at 25°C	KΩ		10	
Aiming Beam				
Wavelength	nm	620	635	650
Optical power	mW	1.0		4.0
Control signal				
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	Not used
6	Not used
7	Not used
8	Not used
9	Not used
10	Not used
11	Not used
12	Not used
13	Not used
14	Aiming beam +2.6~5V DC
15	Aiming beam ground

