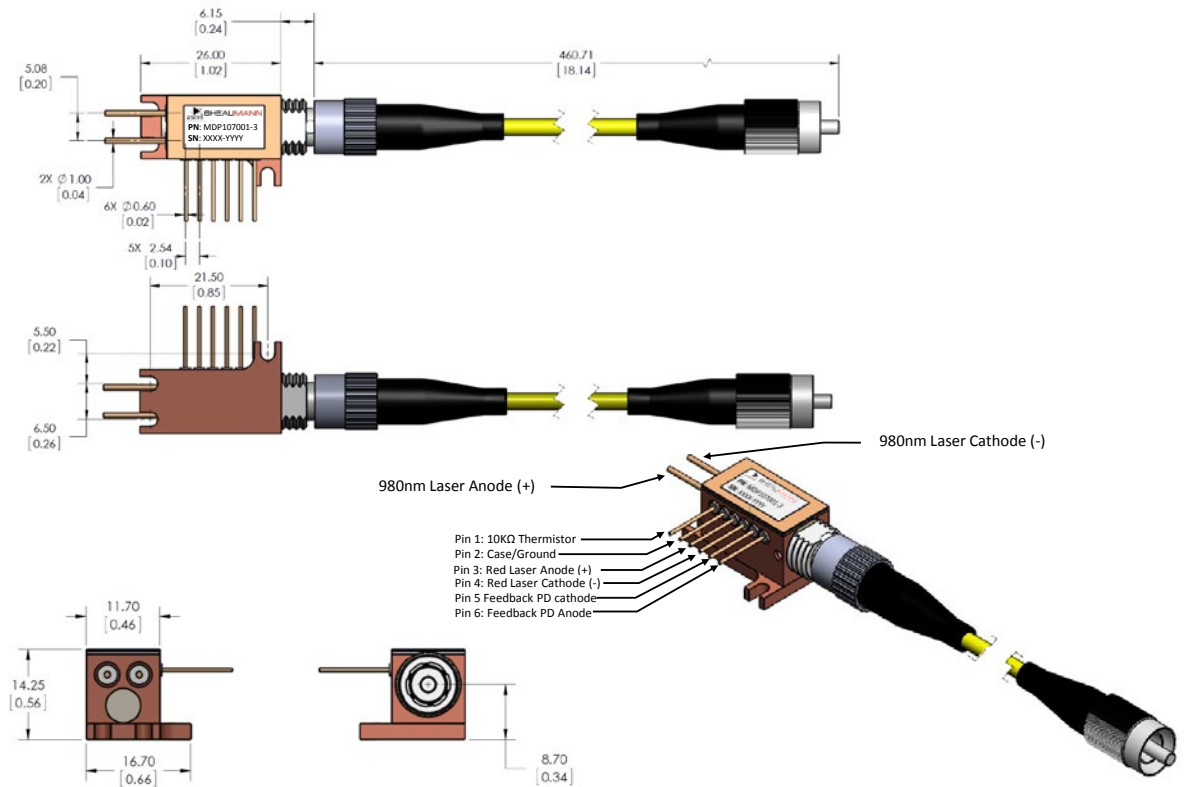


MEDPac laser specifications

Part Number	MDP107001-3 (high power)			Unit
	Min	Typ	Max	
Center Wavelength (λ) @ 25°C	965	975	985	nm
Operating Optical Power from AR coated fiber @ 25°C	7	8		Watts
Operating Current		10	12	Amps
Operating Voltage	1.5	1.9	2.2	Volts
Threshold Current	0.6	1.0	1.6	Amps
Spectral Width (FWHM)	0.5	3.0	8	nm
Fiber Core/Clad \varnothing *		300/330+		μm
Fiber NA		0.37		Radian
Operating (internal thermistor) Temperature	10	25	50	°C
Thermistor		10K		Ω
Feedback Photodiode*			2.6	mAmp
*Optional * AR coating on fiber	Aiming Beam Specifications			
Output Power (0-50°C case temperature)	0.35	3.5	5.0	mWatt
Center Wavelength (λ)	630	650	680	nm
Red Laser Drive Current	20	28	40	mAmp
Red Laser Voltage	2.1	2.3	2.6	Volts

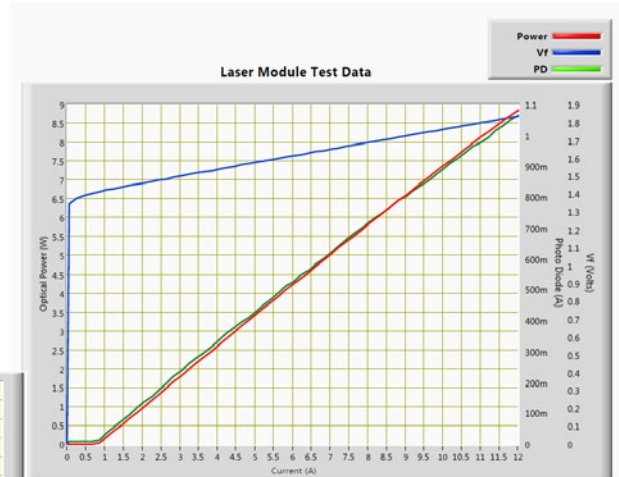
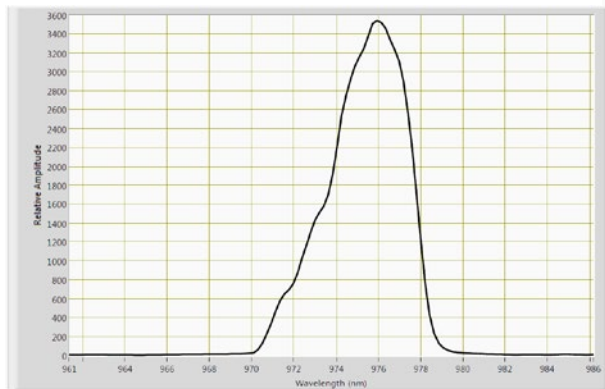
MEDPac Mechanical specifications



MEDPac EOP specifications

MDP107001-3
Typical Test Data, 25°C

Typical spectrum at operating power



Typical LIV (power and voltage vs. drive current)