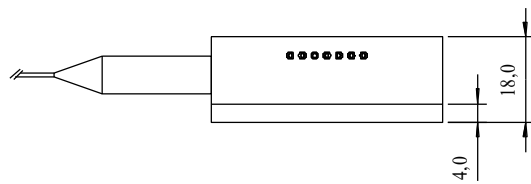
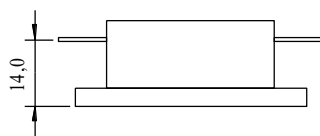


Model		M976±0.5-20-F105/22-T6M-P		
Optical	Unit	Min	Typical	Max
Output power (exit fiber)	W		20	22
Central wavelength	nm		976	
Wavelength tolerance	nm		± 1.0	
Spectral width (FWHM)	nm		≤ 1.0	
Wavelength temp. Coefficient	nm/°C		0.02	
Wavelength current coefficient	nm/A		0.05	
Fiber				
Core diameter	µm	102	105	108
Cladding diameter	µm	122	125	128
Numerical aperture		0.20	0.22	0.24
Length	m		≥1	
Electric				
Threshold current	A		0.5	
Operating current	A		8.0	10.0
Operating voltage	V		4.75	5.00
Slope efficiency	W/A		2.6	
Power conversion efficiency	%	42	45	
Back Reflection Protection				
Wavelength rrange	nm		1030 – 1100	
Attenuation	dB		>40	
Absolute ratings				
Operating (thermistor) temperature	°C		25 – 32	
Operating humidity	%		< 75	
Storage temperature	°C		-20 – +80	



1	Laser diode anode
2	Photo diode (N)
3	Photo diode (P)
4	Thermistor
5	Thermistor
6	-
7	Laser diode cathode
8 – 14	-

