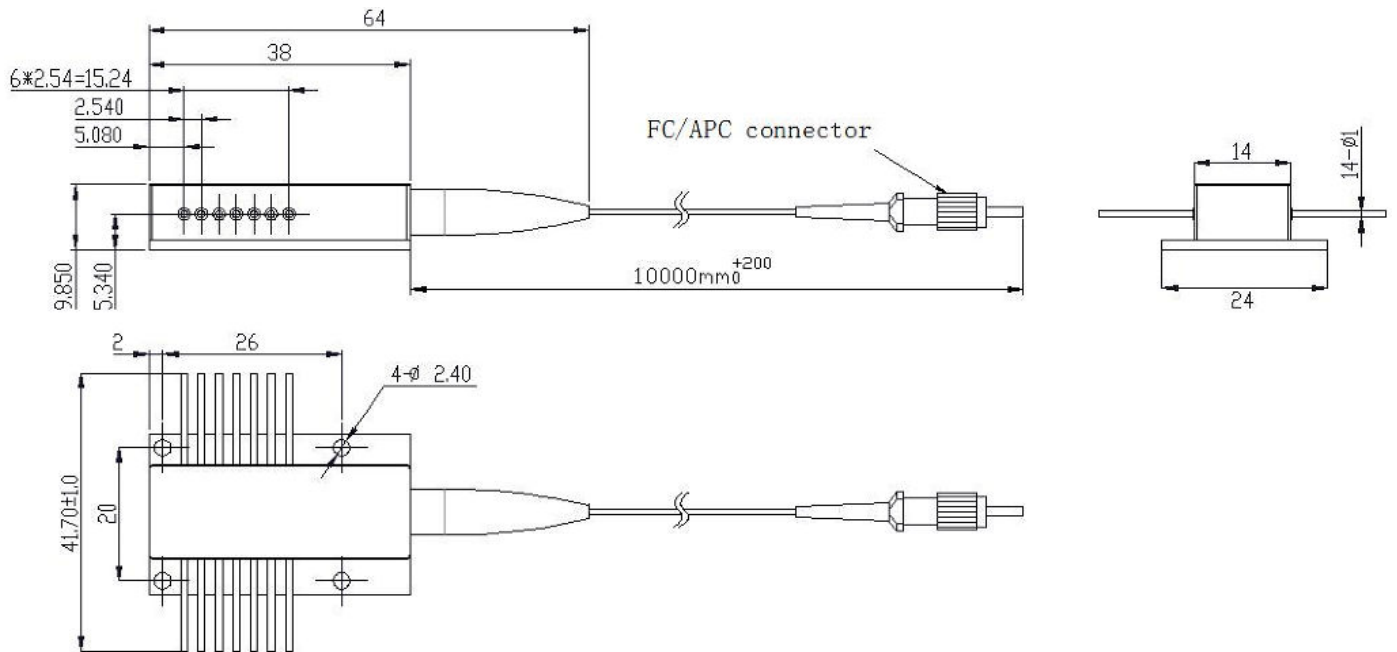


Item Number: 7115-0000**Item Description: 1550nm, 500mW, single-mode PM fiber-coupled butterfly package**

Parameter	Specification
OPTICAL	
Center Wavelength	1550nm ± 5nm
Output Power from fiber (CW, linearly polarized)	> 500 mW
Linewidth (FWHM)	< 1 MHz
ELECTRICAL	
Operating Current Amp section	< 4.0A
Operating Current Osc section	< 0.7A
Operating Voltage Amp Section	<1.9V at 4.0A
Operating Voltage Osc. Section	< 3.9V at 0.7A
Photodiode current	>100uA at full power
Thermistor	10k Ohm at 25C
ESD protection	Yes
Case	Floating
TEC Voltage	Vmax = 8.7V (typical 3V)
TEC Current	I _{max} = 2.2A
MECHANICAL/THERMAL	
Package	14 pin butterfly
Dimensions	38mm x 24 mm x 9.85 mm
FIBER	
Fiber type	SM PM Fiber
Fiber length	1 meter
Fiber jacketing	900µm jacket
Fiber connector	FC/APC
Fiber bend radius	25mm
ENVIRONMENTAL	
Storage temperature	-40 ~ +80 °C
Operating temperature (case)	0 ~ 40°C
Relative humidity, non-condensing	5% to 90%
Pin Soldering condition	260°C for less than 5 seconds

Notes

1. Specified performance to be tested at 20C module base temperature



Pin	Description
1	TEC (+)
2	MPD Cathode
3	MPD Anode
4	Thermistor
5	Amp Anode
6	DFB/Amp Cathode
7	DFB Anode
8	DFB Anode
9	DFB/Amp Cathode
10	Amp Anode
11	Thermistor
12	N/C
13	N/C
14	TEC (-)

