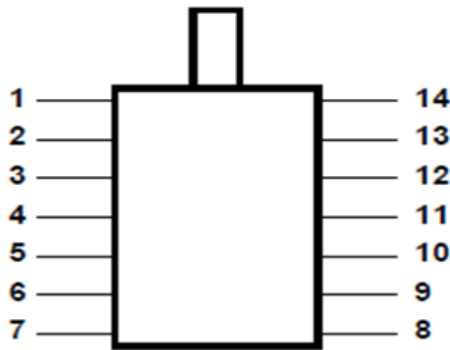
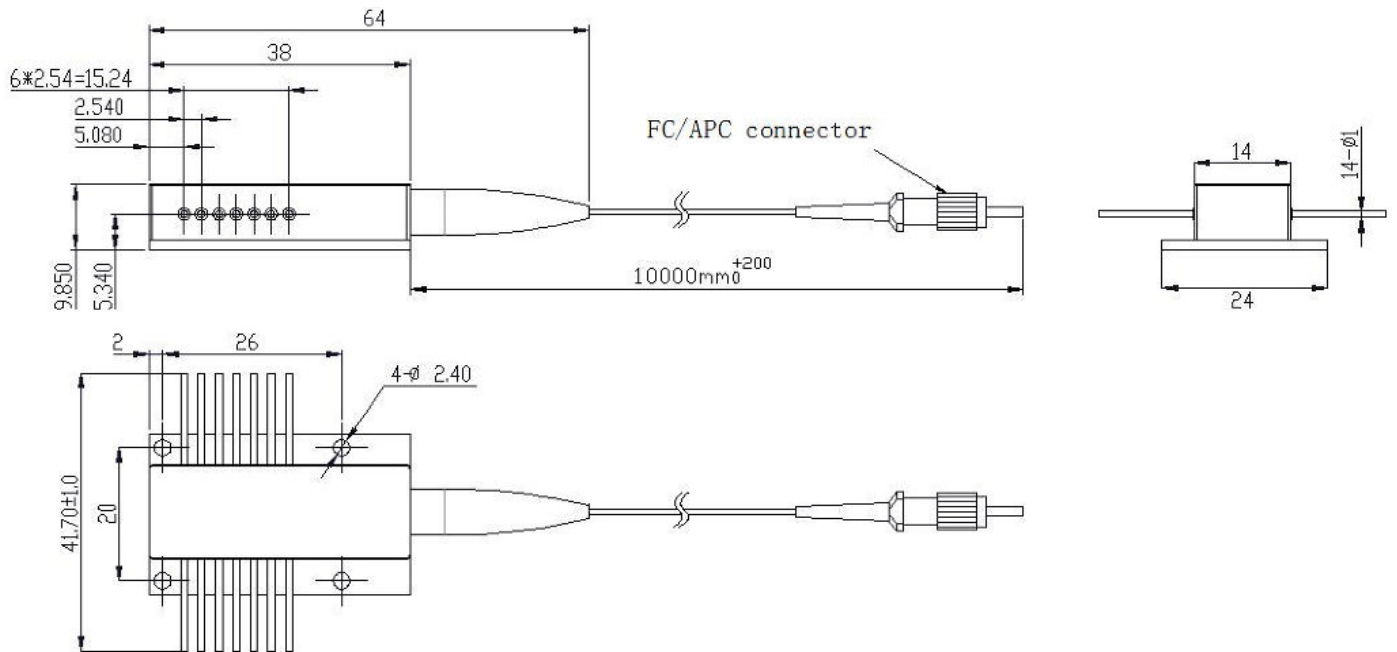


Item Number: 7115-0000**Item Description: 1550nm, 500mW, single-mode PM fiber-coupled butterfly package****ECCN: 6A005 (Export regulated by U.S. Government Export Administration Regulations)**

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)	6.1V (typical 3V)
TEC Current (Imax)	4.5A (typical 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 #	Assignment
1	TEC (+)
2	MPD (-)
3	MPD (+)
4	Thermistor
5	AMP (+)
6	AMP (-)
7	N/A
8	DFB (+)
9	DFB (-)
10	N/A
11	Thermistor
12	N/A
13	N/A
14	TEC (-)

