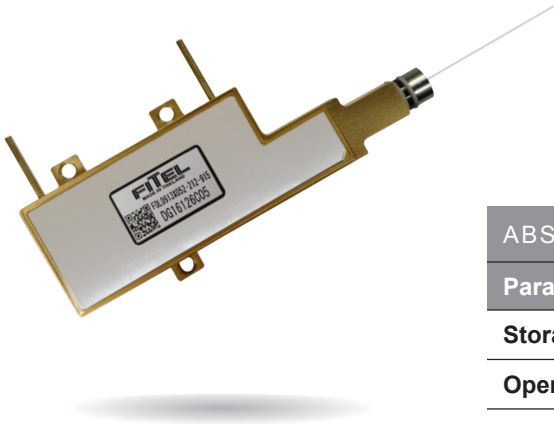


915 nm Laser Diode Module



ABSOLUTE MAXIMUM RATINGS

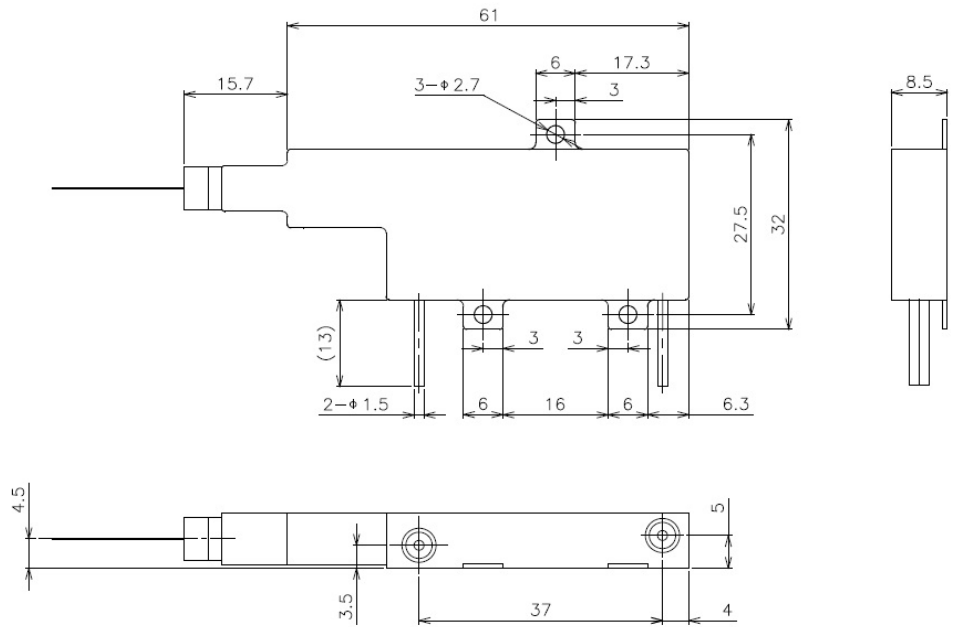
Parameters	Symbol	Min.	Max.	Unit
Storage Temperature	T_{stg}	0	60	°C
Operating Case Temperature	T_c	20	30	°C
LD Forward Current	I_f	-	14	A
LD Reverse Voltage	V_r	-	2	V
Relative Humidity (non condensing)	RH			%
		$T_{stg} = 0-45\text{ °C}$	85	
		$T_{stg} = 45-60\text{ °C}$	40	
Screw Torque for Mounting	-	-	0.08	nm

PERFORMANCE SPECIFICATION

Parameters	Symbol	Min.	Typ.	Max.	Unit
Threshold Current CW	I_{th}	-	0.7	1.0	A
LD Optical Output Power at 14A	P_f	56	67	-	W
LD Forward Current	I_f	-	-	14.0	A
LD Forward Voltage at 14A	V_f	-	-	11.5	V
Center Wavelength (RMS) at 14A	λ_c	905	915	930	nm
Power within NA (NA=0.15, at 12A)	PIBN	90	-	-	%

FIBER PIGTAIL SPECIFICATIONS

Parameters	Min.	Typ.	Max.	Unit
Core Diameter	102	105	108	μm
Cladding Diameter	123	125	127	μm
Numerical Aperture	0.20	0.22	0.24	-
UV Coating Diameter	235	250	265	μm
Fiber Length	2.0	-	-	m
Bending Radius	25	-	-	mm
Fiber Connector	None			-



For additional information please contact your sales representative.
 You can also visit our website at www.ofsoptics.com or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.



Copyright © 2017 OFS Fitel, LLC.
 All rights reserved, printed in USA.

OFS Marketing Communications
 Date: 01/17

FITEL is a registered trademark of Furukawa Denki Kogyo Kabushiki Kaisha DBA Furukawa Electric Co., Ltd.

Furukawa reserves the right to make changes to the prices and product(s) described in this document at any time without notice. This document is for informational purposes only and is not intended to modify or supplement any OFS warranties or specifications relating to any of its products or services.