


<h2 style="margin: 0;">LDD-14pin-2A-SFF</h2> <h3 style="margin: 0;">All-in-one Laser Diode Driver</h3>	
	<p>Compact unit for driving/controlling Laser Diodes, SLDs and SOAs:</p> <ul style="list-style-type: none"> • Self-contained enclosure combining and incorporating: <ul style="list-style-type: none"> ○ Device current driver (2.0A) ○ Device TEC driver (4A) ○ 14-pin butterfly device mount ○ Control firmware • No laser-controller and/or TEC cables required • USB interface and control application • Exceptional convenience, design and engineering • Compact Size 85mm x 100mm x 31mm
Specification	DATE: 01 February 2021

¹ User configurable via Software Control Application (GUI).

SPECIFICATIONS				
Parameters	Min.	Typ.	Max.	Units
INPUT				
Voltage	4.8	5	5.2	Vdc
Current	-	-	3.0	A
OUTPUT				
Current	-	-	2000	mA
Current Regulation Step	-	0.01	-	mA
Current Ripple	-	-	0.1	%
Current Stability	-	-	0.1	%
Current Set Accuracy	-	-	1	%
Compliance Voltage	1	-	3	V
TEC current	-4	-	4	A
TEC Voltage	1	-	4	V
TEC Temperature Set	5	25	50	°C
TEC Temperature Step	-	0.01	-	°C
TEC Temperature Accuracy	-	-	0.1	%
TEMPERATURE				
Operating	10	-	50	°C
Storage	-20	-	70	°C
Humidity, Non-Condensing	-	-	95	%
CONNECTIONS				
Power	2-pin terminal block (1734035-1 TE connectivity)			
Interface connectors	USB: Mini-USB, Type B (1734035-1 TE connectivity)			
	CAN, RS232, UART (282834-8 TE connectivity)			

NOTE: Innolume product specifications are subject to change without notice.