Datasheet:

RASPBERRY SQUID RGB LED

v1A - 2019-01-01

The MonkMakes Raspberry Squid is an RGB LED with built-in series resistors and leads terminated in female header sockets that allow it to be connected directly to the GPIO pins of a Raspberry Pi.
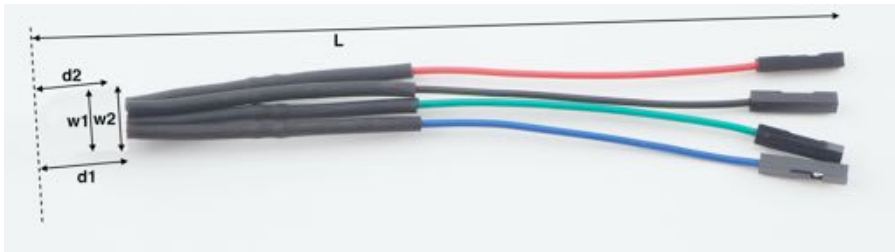

Absolute Maximum Ratings

		Units
Supply voltage per LED channel	10	V

Electrical Characteristic

		Units
Supply voltage range (per LED channel)	3.3 to 5	V
Series resistor all channels	470	Ω
Current red 3.3V	3.0	mA
Current green 3.3V	2.0	mA
Current blue 3.3V	1.6	mA
Current red 5V	6.4	mA
Current green 5V	5.3	mA
Current blue 5V	4.8	mA

Dimensions

Dimension Name	Dimension	Tollerance
L	125mm	+/- 5mm
d1	14mm	+/- 0.2mm
d2	12mm	+/- 0.2mm
w1	10mm	+/- 0.2mm
w2	10.75mm	+/- 0.2mm