

● PCB MOUNTING LEDs - Ø 2mm

FEATURES



101 SERIES

PACK QUANTITY = 250 PIECES

- Material conforms to UL94 V-O flammability ratings
- Side stackable on 2.54mm centres
- Sub miniature size saves space
- Reverse polarity options available
- Product illustrated 101-214-20
- Typically available ex stock

SPECIFICATIONS

Ordering Information & Typical Technical Characteristics (Ta = 25°C)

Mean Time Between Failure up to = 100,000 Hours. Luminous intensity figures refer to the unmodified discrete LED.

PART NUMBER	COLOUR	LENS	VOLTAGE DC Vopr	CURRENT DC Iopr	LUMINOUS INTENSITY lv@20mA	WAVE LENGTH λp	OPERATING TEMP Topr	STORAGE TEMP Tstg	
STANDARD INTENSITY									
101-205-02	Red	Colour Diffused	1.8	10	10	627	-55 ~ +100 [^]	-55 ~ +100	Yes
101-211-02	Yellow	Colour Diffused	2.0	10	9	590	-55 ~ +100 [^]	-55 ~ +100	Yes
101-214-02	Green	Colour Diffused	2.1	10	7	565	-40 ~ +100 [^]	-55 ~ +100	Yes
101-205-20	Red	Colour Diffused	5	10	10	635	-55 ~ +100 [^]	-55 ~ +100	Yes
101-211-20	Yellow	Colour Diffused	5	10	9	583	-55 ~ +100 [^]	-55 ~ +100	Yes
101-214-20	Green	Colour Diffused	5	10	7	565	-40 ~ +100 [^]	-55 ~ +100	Yes
UNITS			Vdc	mA	mcd	nm	°C	°C	



[^] = Products must be derated according to the derating information. Each derating graph refers to specific LEDs.

How to Order:

website: www.marl.co.uk • email: sales@marl.co.uk •

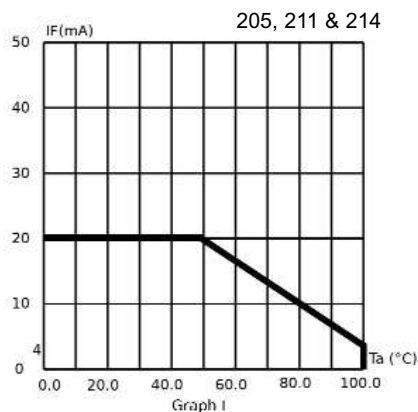
• Telephone +44 (0)1229 582430 • Fax: +44 (0)1229 585155

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DERATING INFORMATION



ALSO AVAILABLE

Part numbers also available in the 101 Series:

PART NO.	COLOUR	VOLTAGE DC (Vdc) Vopr
101-000-02-52	Green	10mA
101-000-20-50	Red	5/6Vdc
101-000-20-51	Yellow	5/6Vdc
101-000-20-52	Green	5/6Vdc
101-203-20-50	Red	5/6Vdc
101-205-00-50	Red	2mA
101-205-01	Red	2mA
101-205-02-50	Red	10mA
101-205-04	Red	20mA
101-205-20-2	Red	5/6Vdc
101-205-20-25	Red	5/6Vdc
101-205-20-50	Red	5/6Vdc
101-205-21-24	Red	12Vdc
101-205-22	Red	24Vdc
101-205-30	Red	5/6Vdc RP
101-211-00-50	Yellow	5/6Vdc
101-211-01	Yellow	2mA
101-211-02-50	Yellow	10mA
101-211-04	Yellow	20mA
101-211-20-2	Yellow	5/6Vdc
101-211-20-50	Yellow	5/6Vdc
101-211-30	Yellow	5/6Vdc RP
101-214-00-50	Green	5/6Vdc
UNITS		

PART NO.	COLOUR	VOLTAGE DC (Vdc) Vopr
101-214-01	Green	2mA
101-214-03	Green	17mA
101-214-04	Green	20mA
101-214-20-2	Green	5/6Vdc
101-214-20-50	Green	5/6Vdc
101-224-01	Red	2mA
UNITS		

The products listed above illustrate all of the options available to order. These products may have custom modifications that alter their operation beyond the generic information contained within this datasheet. Please contact sales for further information.

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