

● PCB MOUNTING LEDs - Ø 5mm

## FEATURES



### 106 SERIES

PACK QUANTITY = 250 PIECES

- Material conforms to UL94 V-O flammability ratings
- Low current versions available
- Reverse polarity options available
- Customised lead lengths available
- Product Illustrated 106-505-04
- 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 Iv@20mA	WAVE LENGTH λp	OPERATING TEMP Topr	STORAGE TEMP Tstg	
<b>STANDARD INTENSITY</b>									
106-505-04	Red	Colour Diffused	2.0*	20	60	627	-40 ~ +85^	-40 ~ +85	Yes
106-511-04	Yellow	Colour Diffused	2.1*	20	40	590	-40 ~ +85^	-40 ~ +85	Yes
106-514-04	Green	Colour Diffused	2.2*	20	40	565	-40 ~ +85^	-40 ~ +85	Yes
106-530-04	Red/Green	White Diffused	2.0/2.2*	20	30/25	627/565	-40 ~ +85^	-40 ~ +85	Yes
106-581-20	Red	Colour Diffused	5	13	50@13mA	627	-40 ~ +70	-40 ~ +85	Yes
106-582-20	Yellow	Colour Diffused	5	13	20@13mA	590	-40 ~ +70	-40 ~ +85	Yes
106-583-20	Green	Colour Diffused	5	11.5	20@11.5mA	565	-40 ~ +70	-40 ~ +85	Yes
<b>UNITS</b>			<b>Vdc</b>	<b>mA</b>	<b>mcd</b>	<b>nm</b>	<b>°C</b>	<b>°C</b>	



\* = Voltage DC for 20mA product is Vf@20mA, not Vopr

^ = Products must be derated according to the derating information. Each derating graph refers to specific LEDs. Refer to page 3.

### How to Order:

website: [www.marl.co.uk](http://www.marl.co.uk) • email: [sales@marl.co.uk](mailto:sales@marl.co.uk) •

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

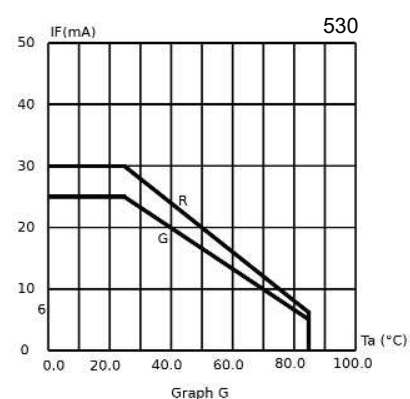
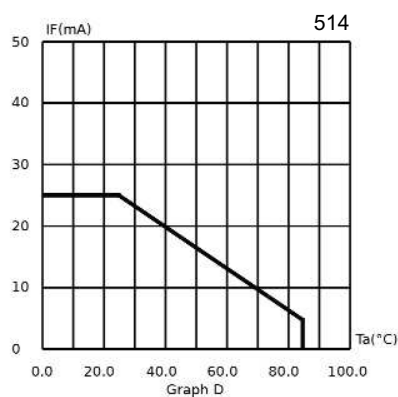
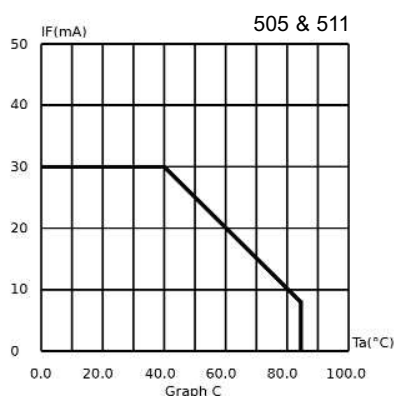
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## DERATING INFORMATION



## ALSO AVAILABLE

Part numbers also available in the 106 Series:

PART NO.	COLOUR (Vdc) Vopr	VOLTAGE DC
106-000-04-57	Green	20mA
106-384-21	Red	12Vdc
106-505-01	Red	2mA
106-505-02	Red	10mA
106-505-04	Red	20mA
106-505-04-1	Red	20mA
106-505-04-25	Red	20mA
106-505-04-26	Red	20mA
106-505-04-50	Red	20mA
106-508-01	Orange	2mA
106-508-04	Orange	20mA
106-511-01	Yellow	2mA
106-511-04	Yellow	20mA
106-511-04-24	Yellow	20mA
106-511-04-25	Yellow	20mA
106-511-04-26	Yellow	20mA
106-511-04-50	Yellow	20mA
106-514-01	Green	2mA
106-514-02	Green	10mA
106-514-04	Green	20mA
UNITS		

PART NO.	COLOUR (Vdc) Vopr	VOLTAGE DC
106-514-04-24	Green	20mA
106-514-04-25	Green	20mA
106-514-04-50	Green	20mA
106-515-04	Red	20mA
106-530-04	Red/Green	20mA
106-530-04-1	Red/Green	20mA
106-530-04-26	Red/Green	20mA
106-530-13	Red/Green	5/6Vdc RP
106-530-13-26	Red/Green	5/6Vdc RP
106-555-04	Red	20mA
106-555-04-4	Red	20mA
106-561-04	Yellow	20mA
106-561-04-4	Yellow	20mA
106-564-04	Green	20mA
106-564-04-4	Green	20mA
106-579-04	Blue	20mA
106-584-21	Red	12Vdc
106-585-21	Yellow	12Vdc
106-802-13	Red	5/6Vdc RP
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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