

● PROFESSIONAL LED INDICATORS Ø12.7mm Mounting

## FEATURES



### 532 SERIES

PACK QUANTITY = 10 PIECES

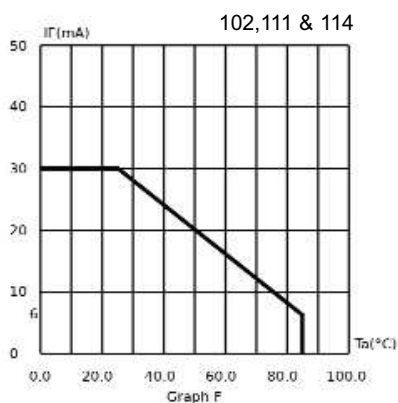
- Each product will operate over a wide voltage input range
- Robust stainless steel housing
- 180° viewing angle
- Full internal potting to resist shock and vibration
- Sealed to IP67
- True Bi-polar product

## SPECIFICATIONS

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

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

| PART NUMBER    | COLOUR                                                                                           | LENS            | VOLTAGE<br>DC (Vdc)<br>Vopr | CURRENT<br>DC (mA)<br>Iopr | LUMINOUS<br>INTENSITY<br>Iv@20mA (mcd) | WAVE<br>LENGTH<br>λp (nm) | OPERATING<br>TEMP<br>Topr | STORAGE<br>TEMP<br>Tstg |  |
|----------------|--------------------------------------------------------------------------------------------------|-----------------|-----------------------------|----------------------------|----------------------------------------|---------------------------|---------------------------|-------------------------|--------------------------------------------------------------------------------------|
| HIGH INTENSITY |                                                                                                  |                 |                             |                            |                                        |                           |                           |                         |                                                                                      |
| 532-102-63     | Red (GaAlAs)  | Colour Diffused | 12-28                       | 6-16                       | 450                                    | 660                       | -40 ~ +85^                | -40 ~ +85               | Yes                                                                                  |
| 532-111-63     | Yellow        | Colour Diffused | 12-28                       | 8-20                       | 50                                     | 590                       | -40 ~ +85^                | -40 ~ +85               | Yes                                                                                  |
| 532-114-63     | Green         | Colour Diffused | 12-28                       | 8-20                       | 60                                     | 565                       | -40 ~ +85^                | -40 ~ +85               | Yes                                                                                  |
| 532-102-75     | Red (GaAlAs)  | Colour Diffused | 110Vac                      | 6                          | 450                                    | 660                       | -40 ~ +85^                | -40 ~ +85               | Yes                                                                                  |
| 532-111-75     | Yellow        | Colour Diffused | 110Vac                      | 6                          | 50                                     | 590                       | -40 ~ +85^                | -40 ~ +85               | Yes                                                                                  |
| 532-114-75     | Green         | Colour Diffused | 110Vac                      | 6                          | 60                                     | 565                       | -40 ~ +85^                | -40 ~ +85               | Yes                                                                                  |
| UNITS          |                                                                                                  |                 | Vac/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:

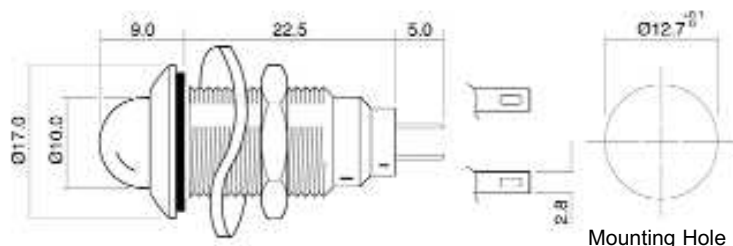
website: [www.marl.co.uk](http://www.marl.co.uk) • email: [sales@marl.co.uk](mailto:sales@marl.co.uk) •

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

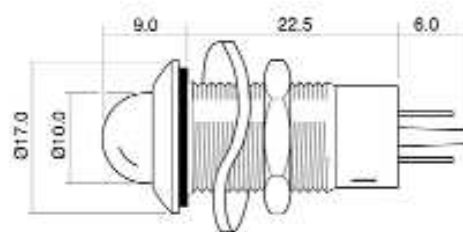
The information contained in this datasheet does not constitute part of any order or contract and should not be regarded as a representation relating to either products or service. Marl International reserve the right to alter without notice the specification or any conditions of supply for products or service.

## 532 Series

20mA to 48Vac/dc



All other voltages



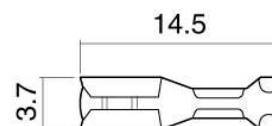
Dimensions in mm (Typical)  
Not to scale

Mounting hole to be clean and burr free

### MATERIALS

|               |                                 |
|---------------|---------------------------------|
| Body          | Stainless steel grade 316       |
| Nut           | Stainless steel grade 316       |
| Panel Seal    | Viton                           |
| Termination   | Copper with silver flash finish |
| Lock Washer   | Stainless steel                 |
| Fresnel lens  | Polycarbonate                   |
| Encapsulation | PC5430 resin                    |
| Header        | Nylon 6 A82                     |

### PUSH-ON CONNECTORS



925-000-00 is brass tin plated.  
For use with 532 series lamps.

Dimensions in mm (Typical)  
Not to scale

### TECHNICAL CHARACTERISTICS

| SERIES | MAXIMUM POWER DISSIPATION | PANEL CUTOUT | MOUNTING TORQUE | MINIMUM MOUNTING CENTRES | MIN/MAX. PANEL THICKNESS |  |
|--------|---------------------------|--------------|-----------------|--------------------------|--------------------------|--|
| 532    | 825                       | 12.7         | 1.0             | X,Y=19.5                 | 1.5-8.0                  |  |
| UNITS  | mw                        | mm           | Nm              | mm                       | mm                       |  |

#### 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

The information contained in this datasheet does not constitute part of any order or contract and should not be regarded as a representation relating to either products or service. Marl International reserve the right to alter without notice the specification or any conditions of supply for products or service.



BS EN ISO 9001:2000  
Approved Manufacturer