

● PROFESSIONAL LED INDICATORS Ø12.7mm Mounting

**FEATURES**



**514 SERIES**

PACK QUANTITY = 10 PIECES

- Robust bright nickel plated brass housing
- Sealed to IP67
- Raised profile styling
- Suitable for high vibration applications
- Internal reverse protection diode fitted as standard in all voltage models.

**SPECIFICATION**

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

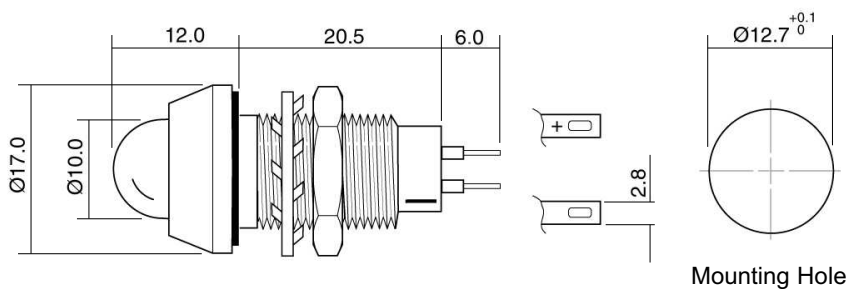
Mean Time Between Failure = 100,000 Hours. Luminous intensity figures refer to the unmodified discrete LED.

PART NUMBER	COLOUR	LENS	VOLTAGE DC (Vdc) Vopr	CURRENT DC (mA) Iopr	LUMINOUS INTENSITY Iv@20mA (mcd)	WAVE LENGTH λ.p (nm)	OPERATING TEMP Topr	STORAGE TEMP Tstg	
<b>HIGH INTENSITY</b>									
01-514-102-21	Red	Colour Diffused	12	20	450	660	-40 ~ +85^	-40 ~ +85	Yes
<b>UNITS</b>			<b>Vdc</b>	<b>mA</b>	<b>mcd</b>	<b>nm</b>	<b>°C</b>	<b>°C</b>	

Other voltages AC/DC available. Please contact our Technical Sales.

^ = Products must be derated according to the derating information (page 3).

**514 Series**



Dimensions in mm (Typical)  
Not to scale

Anode termination indicated by red sleeve  
Mounting hole to be clean and burr free

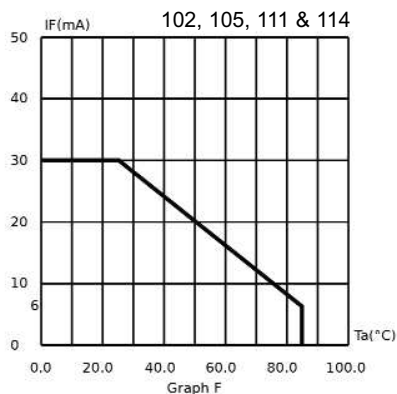
MATERIALS		PUSH-ON CONNECTORS
Body	Brass to BS 2874 CZ121 Nickel plated to BS 1224	<p>925-000-00 is brass tin plated. For use with 514 series lamps.</p> <p>Dimensions in mm (Typical) Not to scale</p>
Nut	Brass to BS 2874 CZ121 nickel plated to BS 1224	
Panel Seal	Viton	
Termination	Brass to BS 2874 CZ108 Copper flash undercoat with silver flash finish	
Lock Washer	Zinc plated steel	
Encapsulation	PC5430 resin	

TECHNICAL CHARACTERISTICS						
SERIES	MAXIMUM POWER DISSIPATION	MAXIMUM REVERSE VOLTAGE	PANEL CUTOUT	NUT MOUNTING TORQUE	MINIMUM MOUNTING CENTRES	MIN/MAX. PANEL THICKNESS
514	1000	3* /1000•	12.7	1.0	x,y=19.5	1.5-8.0
	mw	Vdc	mm	Nm	mm	mm

\* = Current version • = Voltage version

OPTIONAL FLYING LEAD TERMINATIONS						
ORDER CODE SUFFIX	SUPPLY VOLTAGE	WIRE COLOUR	WIRE LENGTH	NO/DIAMETER OF CONDUCTORS	DIAMETER OVER INSULATION	COMMENTS
15	DC Products	Red-anode / Black-cathode	150mm	19/0.15mm	1.2mm	Customised lengths available
15	AC Products	Brown-live / Blue-neutral	150mm			
19	DC Products	Red-anode / Black-cathode	1000mm			
19	AC Products	Brown-live / Blue-neutral	1000mm			

## DERATING INFORMATION



## ALSO AVAILABLE

Part numbers also available in the 514 Series:

PART NO.	COLOUR	VOLTAGE
01-514-102-22	Red	24 Vdc
01-514-102-76	Red	230 Vac
01-514-105-22	Red	24 Vdc
01-514-105-76	Red	230 Vac
01-514-111-22	Yellow	24 Vdc
01-514-114-22	Green	24 Vdc
01-514-114-76	Green	230 Vac
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.