Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

L63 Series 3mm LED Robust Panel Mount Indicator Mounting Hole 0.244" (6.2mm)

L63 is available in a robust body and protruding LED position, supplied with lock washer and hex nut, in three different diffused LEDs colors

LED

LED COLOR OPTIONS

UL 94 V-1 MATERIAL

100,000Hrs LONG LIFE

MOUNTING HOLE 0.244"

PANEL THICKNESS 0.118"

VIEWING ANGLE 25° ~ 50°

ROBUST DESIGN

Applications

- Industrial
- Transportation
- Food Service

- People Movers
- Medical
- Maritime

- Oil and Gas Industry
- Manufacturing
- Automation & Control

Key Features

- Mounting Hole Size: 0.244" (6.2mm)
- Max. Panel Thickness: 0.118" (3.0mm)
- Max. Mounting Torque: 5.9 lbs-in (6.8kg-cm)
- Three colors available: Red, Green, Yellow
- Low power consumption
- Body Material: Brass, chromium plated
- Base Material: Phenolic (UL94 V-1)
- Diffused T-1 (3mm) LED
- Viewing angle: from 25° to 50°
- Straight leads terminals
- Operating Voltage of 2 ~ 3.2 VDC

- Front panel mounting
- Life expectancy of 100,000 hours
- High brightness LEDs for daylight viewing
- Mounting hardware provided. Fixing nut and washer included
- Protruding LED position
- Low power consumption
- Compliant with RoHS and REACH requirements
- Order gasket separately to provide water, oil, air and dust tight.
- For customized options, please contact us

Ordering Data

The L63 Series is available in a range of standard features and options.
To specify your Panel Mount Indicator, simply choose one option from each column.

Series	LED Size	LED Type Lens	Color	Termination Style
L	63	D		L

- 63 → 3mm LED
- D → Diffused
- L → Straight Leads

Diffused Green	L63DG2L
Diffused Red	L63DR2L
Diffused Yellow	L63DY2L

Color		luminous intensity (Typ)
Green	G2	30 mcd
Red	R2	60 mcd
Yellow	Y2	30 mcd

Accessories Ordering Data [order separately]

O-ring part number: **SPC208**

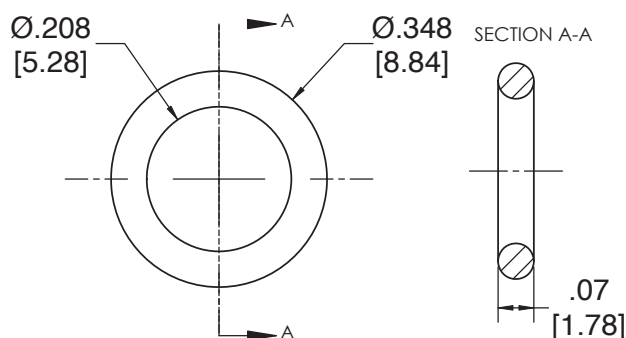Washer, Panel, O-ring, Hex Nut, L63
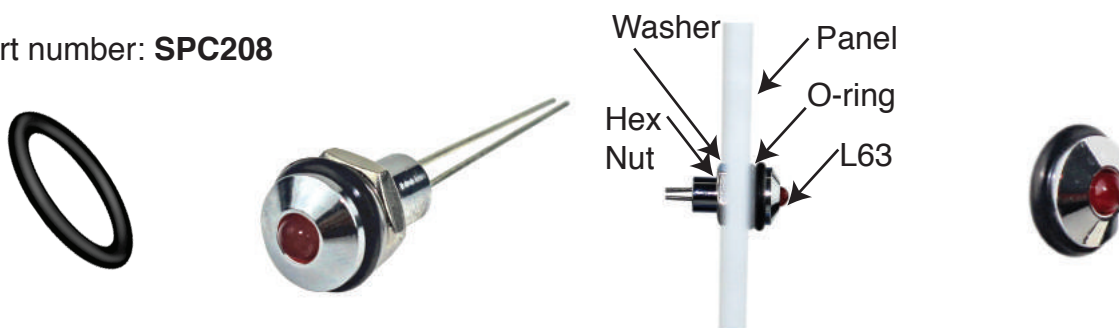
The Gasket O-ring SPC208 for the L63 Series is designed to seal many types of media, including water, air, dust, and oil.
The panel gasket is intended to provide a seal between the panel and the L63 Panel Mount Indicator.
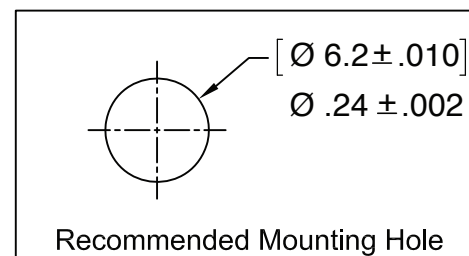Meets ASTM D2000 standard.

Ø.208 [5.28]   Ø.348 [8.84]   SECTION A-A   .07 [1.78]

Dimensions in inches [mm]

Material
Buna-N, Durometer A70, black

Installation Specification	
Internal Diameter	0.208" (5.28 mm)
Thickness	0.07" (1.78 mm)
Operational Temperature	-20°F to +250°F -28.9°C to +121.1°C

Product Dimensions

[2] .08

[8] .31

[2] .08

[13.3] .52

[6] .24

[4] .16

LOCK WASHER

HEX NUT

M6

[19.05] .75

[21.08] .83

[0.46] .018 (2)

ANODE (+)

CATHODE (-)

[Ø 6.2±.010]
Ø .24 ±.002

Recommended Mounting Hole
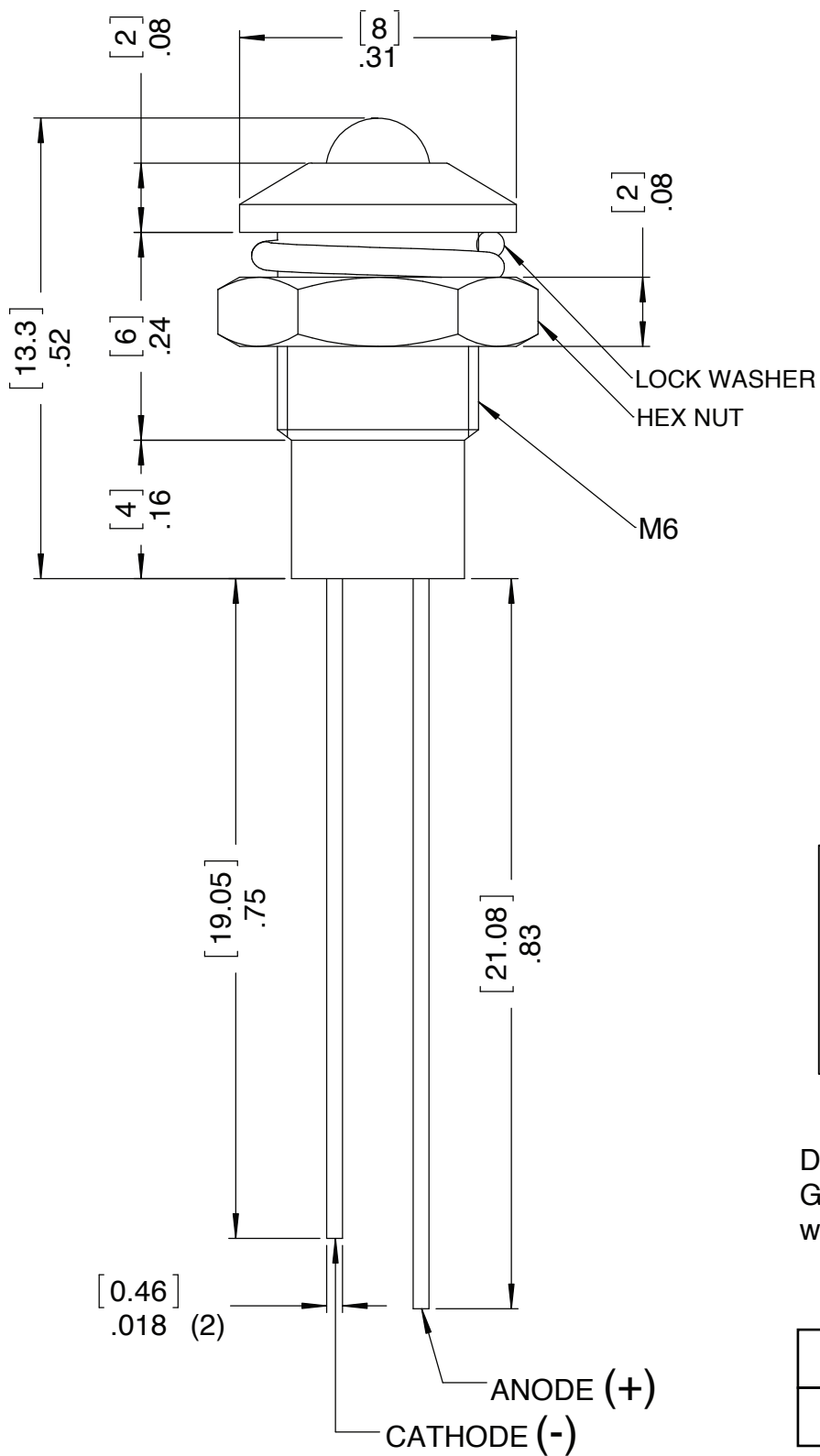
Dimensions in [mm] inches
General tolerances unless otherwise specified:

	inches	mm
.X	±.020	±.508
.XX	±.010	±.254

Product Specifications

Materials	
Body	Brass, Chromium Plated
Base	Phenolic UL 94 V-1

Temperature Specifications	
Operating Temperature	-25ºC to +80ºC -13ºF to +176ºF
Storage Temperature	-25ºC to +85ºC -13ºF to +185ºF

Installation Specifications	
Mounting Hole	0.244" (6.2 mm)
Mounting Torque	5.9 lbf-in (6.8 kgf-cm)
Panel Thickness	0.019" to 0.118" (0.5 to 3.0 mm)
Straight Leads Terminals	Anode(+): 21.08" (0.83 mm) Cathode(-): 19.05" (0.75 mm)

LED Color	$V_F(V)$			$I_F(mA)$	Viewing angle
	min.	typ.	max.		
Green Diffused	2.8	3.2	3.6	20	25
Red Diffused	1.8	2.1	2.5	20	25
Yellow Diffused	1.8	2.0	2.45	20	50

LED Color	Wavelength (nm)	Luminosity (mcd)
Green	568-573	30
Red	630-635	60
Yellow	590-595	30

Compliances and Approvals

REACH COMPLIANCE

RoHS COMPLIANT