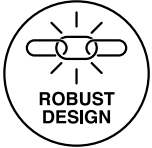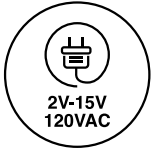# PMRL125 Series
Ø .230″ (5.84mm) Recessed
Panel Mount Indicator

LED indicator with reflective recessed bezel, single or bi-color LED
Voltage: 2V–15V, 120VAC, water-tight option.

| LED COLOR OPTIONS | LED BI-COLOR OPTION | 35°-72° VIEWING ANGLE | 2V-15V 120VAC | ROBUST DESIGN |

Application

- Main Power Indication
- Machine Tools
- Civil Engineering Vehicles

- Maritime, Oil and Gas Industry
- Automation and Control
- Status indication

- Professional Electrical Appliance
- Instrumentation
- Aircraft/Military Instrumentation

Key Features

- For panel hole diameter: .230″ (5.84mm)
- Maximum panel thickness: .125″ (3.17mm) or .070″ (1.77mm) (water-tight option)
- Voltage: 2V-15V, 120VAC
- Offered with 6″ 24 AWG wire leads
- Available in two single illumination colors: green and amber
- Available in bi-color: red/green
- Recessed reflective bezel and chrome-plated body
- Available with a variety of LEDs including AlInGaP and InGaN technology
- Low power consumption – uses up to 90% less energy than an incandescent indicator
- Suitable for high vibration applications
- LEDs operate significantly cooler than traditional lamps
- Mounts with hex nut and lockwasher (included)
- Water tight option includes 2 washers, hex nut, and lockwasher (optional)
- For custom cable length, voltage, connectors, finish or colors, contact VCC
- RoHS and REACH Compliant

Ordering Data

PMRL125

Example:
PMRL125W-BCG5H

PMRL125 Series, Green LED, 5V with Wire Leads

Part Number	Color	λpk (nm)	Iv (mcd)	Viewing Angle	Terminals	Voltage/Current	
						Design Vf/If	Max Vf/If
PMRL125W-BG2	Green	565	14	60	Wire Leads	2V	-
PMRL125W-BCG5H	Green	565	44	45	Wire Leads	5V/22mA	5.5V/28mA
PMRL125W-NWG12H	Green	520	2000	45	Wire Leads	12V/15mA	14V/20mA
PMRL125W-BG15H	Green	565	14	60	Wire Leads	15V/24mA	16.5V/28mA
PMRL125W-NWG15H	Green	520	2000	45	Wire Leads	15V/15mA	16.5V/18mA

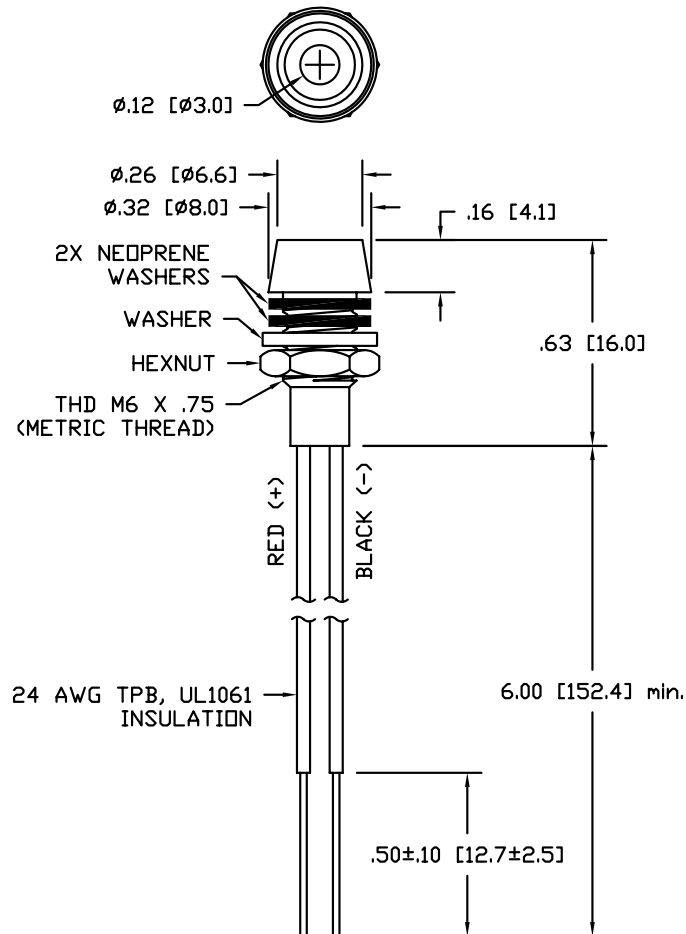### PMRL125 (Water Tight)

Example:
PMRL125W-NWG12H-WT

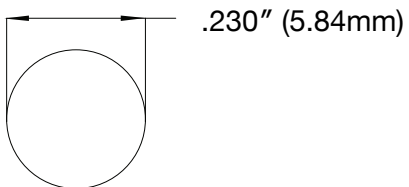PMRL125 Series, Water Tight, Green LED, 12V with Wire Leads

Part Number	Color	λpk (nm)	Iv (mcd)	Viewing Angle	Terminals	Voltage/Current	
						Design Vf/If	Max Vf/If
PMRL125W-RG5H-WT	Red/Green	630/565	5.0/5.0	72	Wire Leads	5V/22mA	5.5V/28mA
PMRL125W-NWG12H-WT	Green	520	2000	45	Wire Leads	12V/15mA	14V/20mA
PMRL125W-NWA120-WT	Amber	592	2180	35	Wire Leads	120VAC/3.5mA	120VAC/3.5mA

Product Dimensions

PMRL125 Series Wire Leads

Ø.12 [Ø3.0]

Ø.26 [Ø6.6]
Ø.32 [Ø8.0]

.16 [4.1]

2X NEOPRENE WASHERS

WASHER

HEXNUT

.63 [16.0]

THD M6 X .75 (METRIC THREAD)

RED (+)

BLACK (−)

24 AWG TPB, UL1061 INSULATION

6.00 [152.4] min.

.50±.10 [12.7±2.5]

Recommended Mounting Hole

.230″ (5.84mm)

Notes:

1. All dimensions are in inches [millimeters]
2. Tolerance is ± [0.25] unless otherwise noted.
3. The specifications, characteristics and technical data described in the datasheet are subject to change without prior notice.

Product Specifications

Materials

Housing	Chrome plated housing
Wire Leads	24 awg, 6″ length, red anode, black cathode
Washer (for WT option)	Neoprene

Electrical Specifications

Operating Voltage	Refer to table
Operating Current	Refer to table

Installation Specifications

Mounting Hole	.230″ (5.84mm)
Panel Thickness (max.)	.125″ (3.17mm) Standard .070″ (1.77mm) with Neoprene Washers
Wire Leads	24AWG UL1061 6.0" (152.4mm) red (anode) and black (cathode), leads stripped .50" (12.7mm)

Temperature Specifications

Operating Temperature	Red and Amber -55°C to +60°C Green -20°C to +60°C
Storage Temperature	Red, and Amber -55°C to +100°C Green -55°C to +100°C

Custom Connector

VCC can add crimped connections to your panel mount indicators (PMIs) and combine two final steps into one seamless transaction. We offer a range of connector options, including:

2 Position Connector	Wire-to-Wire Crimp Housing	Crimp Housing Connector	Micro-Fit Connector - Dual Row	Micro Rectangular Power Connector

Compliances and Approvals

REACH COMPLIANCE

RoHS COMPLIANT