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Dialight

609 Series

LED Panel Mount Indicators for 9.35mm Mounting Hole

w/ Optional Watertight Capability



FEATURES / BENEFITS

- RoHS compliant*
- Long Life - typically 100K hours
- Low power consumption - uses up to 90% less energy than an incandescent indicator
- No heat generated
- Colors include red, green, and yellow
- Front panel mounting
- LED can be recessed or protrude from housing (see figure below)
- Available Watertight version: NEMA 4x/IP66

APPLICATIONS

Dialight's 600 series of metric indicators are designed for a variety of applications such as:

- Main and remote power indication
- Maintenance and warning indication
- Status Indication
- Instrumentation

...and many more!

SPECIFICATIONS

- Voltage requirements: 6, 12 and 24 VDC (no resistor required)
- Electrical connection through solder terminals
- Mounting hole size: 0.368 inches [9.35 mm]
- Maximum panel thickness:
  0.376 inches [9.50mm]
  w/ Gasket: 0.318 inches [8.0mm]
- Mounts with lock washer and nut
  (0.362 lbs/ft or 5 Kg/cm torque recommended)
- Operating Temperature : -30ºC to +85ºC
- Storage Temperature: -40ºC to + 85ºC
- Housing Material: Chrome plated brass or Black painted brass
  (See ordering note on back)
- Watertight Seal from front of panel meets NEMA 4X/IP66

FIG. 1

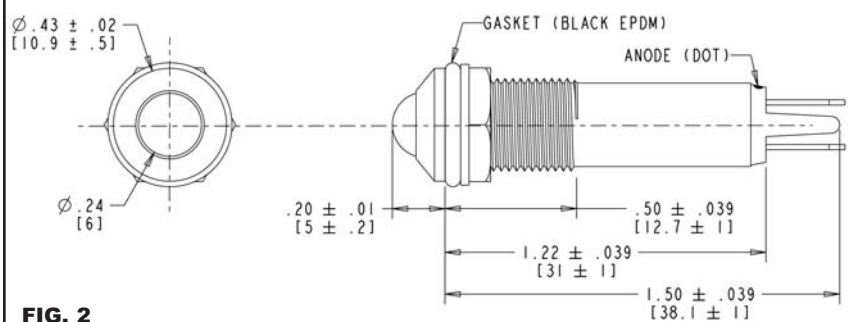
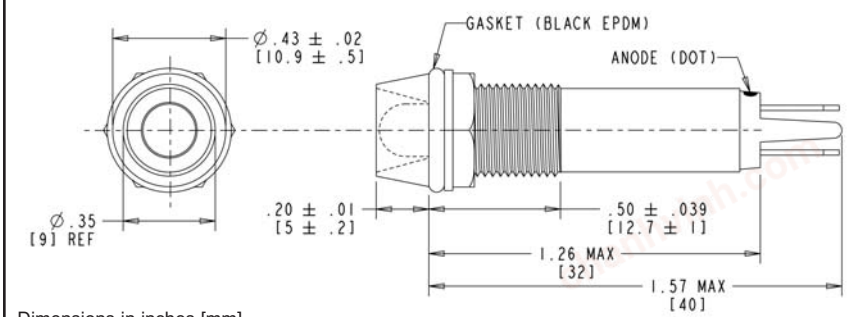


FIG. 2



Dimensions in inches [mm]
All measurements are typical

*Compliant with exemption 6c, lead used as an alloying element in brass (up to 4% by weight)

Dialight reserves the right to make changes at any time in order to supply the best product possible.

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A4703 UL REGISTERED FIRM Dialight Corporation ISO 9001

RoHS COMPLIANT

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STANDARD VERSIONS

Part Number*	Color	Voltage (VDC)	Intensity** TYP. (mcd)	LED Positions	Fig.
609-1122-120F	Red	6	60	Protruding	1
609-1222-120F	Green	6	110	Protruding	1
609-1322-120F	Yellow	6	90	Protruding	1
609-1122-130F	Red	12	60	Protruding	1
609-1222-130F	Green	12	110	Protruding	1
609-1322-130F	Yellow	12	90	Protruding	1
609-1122-140F	Red	24	60	Protruding	1
609-1222-140F	Green	24	110	Protruding	1
609-1322-140F	Yellow	24	90	Protruding	1
609-2122-120F	Red	6	60	Recessed	2
609-2222-120F	Green	6	110	Recessed	2
609-2322-120F	Yellow	6	90	Recessed	2
609-2122-130F	Red	12	60	Recessed	2
609-2222-130F	Green	12	110	Recessed	2
609-2322-130F	Yellow	12	90	Recessed	2
609-2122-140F	Red	24	60	Recessed	2
609-2222-140F	Green	24	110	Recessed	2
609-2322-140F	Yellow	24	90	Recessed	2

WATERTIGHT VERSIONS

Part Number*	Color	Voltage (VDC)	Intensity** TYP. (mcd)	LED Positions	Fig.
609-1122-320F	Red	6	60	Protruding	1
609-1222-320F	Green	6	110	Protruding	1
609-1322-320F	Yellow	6	90	Protruding	1
609-1122-330F	Red	12	60	Protruding	1
609-1222-330F	Green	12	110	Protruding	1
609-1322-330F	Yellow	12	90	Protruding	1
609-1122-340F	Red	24	60	Protruding	1
609-1222-340F	Green	24	110	Protruding	1
609-1322-340F	Yellow	24	90	Protruding	1
609-2122-320F	Red	6	60	Recessed	2
609-2222-320F	Green	6	110	Recessed	2
609-2322-320F	Yellow	6	90	Recessed	2
609-2122-330F	Red	12	60	Recessed	2
609-2222-330F	Green	12	110	Recessed	2
609-2322-330F	Yellow	12	90	Recessed	2
609-2122-340F	Red	24	60	Recessed	2
609-2222-340F	Green	24	110	Recessed	2
609-2322-340F	Yellow	24	90	Recessed	2

*Also available in Chrome-plated brass housing. Insert "1" into the 6th position for the part number to designate chrome housing.
Ex: 609-1112-120F
**15 mA current

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