

GQ Series Indicators

Mounting Hole Diameter: 6/8/10/12/14/16/19/22/25mm
Body Material: Nickel Plated Brass / Stainless Steel / Black Plated Brass
Terminal: Screw Terminals / Wire Leads 150mm / Solder Lug
Lens Shape: Domed / Flat Round
IP Degree: IP67
Lens shape and mounting hole size can be customized

Part Number Description

GQ★   

Symbol	Indication	Descriptions
★	Mounting Hole Diameter	6: Φ6mm / 8: Φ8mm / 10: Φ10mm / 12: Φ12mm / 14: Φ14mm / 16: Φ16mm / 19: Φ19mm / 22: Φ22mm / 25: Φ25mm
■	Lens Shape	G: Domed / T: Flat Round Type1 / F: Flat Round Type2
□	Illumination Type	D: Steady light / SD: Flashing Light (Customized)
◆	Terminal	L: Screw Terminals / Y: Wire Leads 150mm / No letter means solder lug
△	Lamp Color	R: Red / G: Green / Y: Yellow / B: Blue / W: White
▲	Lamp Voltage	6V,12V,24V,110V (With external resistor), 220V (With external resistor Rated Voltage for flashing light: 6~24V)
◎	Body Material	N: Nickel Plated Brass / S: Stainless Steel / A: Black Plated Brass

Performance characteristics

Operating Temperature	-25℃~+55℃(no freezing), Keep air flowing around the indicator
Operating Humidity	45~85%RH (no condensation)
Insulation Resistance	≥100MΩ(500VDC)
Dielectric Strength	1500V RMS 50Hz 1 minute
Vibration Resistance	50Hz, 1.2mm amplitude
Soldering Temperature	320℃ 3 seconds
Standard	GB/T 14048.5-2017

Flashing Light Rating

Rated Voltage	Rated Current	Frequency
6~24V	20mA	160 flashes per minute (Other frequency can be customized)

Lamp Ratings

LED Life	Rated Current	Voltage Fluctuation	Diagram
≥40000 hours	≤24V approx. 15mA ≥110V approx. 2mA	DC: ±10% AC: ±20%	 With built-in resistor; AC/DC Lamp; No difference of anode or cathode. External resistor is need for voltage ≥110V (Φ6-14mm indicators)

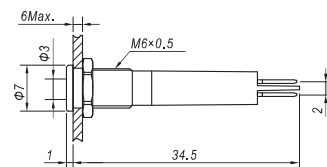
PART NUMBERS ON THIS DRAWING
MR-GQ6G-D MR-GQ6T-D

6 MM METAL INDICATOR LIGHT		Micro-Ray	
MR-GQ6 SERIES			
PART NO	MR-GQ6		
DWG NO	MR-GQ6	SHEET 1 OF 2	REV A
UNITS: mm	SCALE: NTS - DO NOT SCALE	SIZE A4	DATE 2026-09-22

Nickel Plated Brass
MR-GQ6T-D/△/▲/N

Stainless Steel
GQ6T-D/△/▲/S

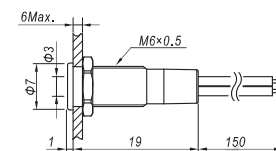
Black Plated Brass
GQ6T-D/△/▲/A



Nickel Plated Brass
MR-GQ6T-D/Y/△/▲/N

Stainless Steel
MR-GQ6T-D/Y/△/▲/S

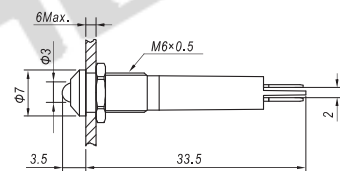
Black Plated Brass
MR-GQ6T-D/Y/△/▲/A



Nickel Plated Brass
MR-GQ6G-D/△/▲/N

Stainless Steel
GQ6G-D/△/▲/S

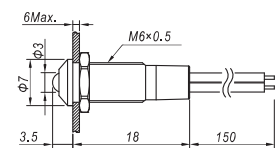
Black Plated Brass
GQ6G-D/△/▲/A



Nickel Plated Brass
MR-GQ6G-D/Y/△/▲/N

Stainless Steel
MR-GQ6G-D/Y/△/▲/S

Black Plated Brass
MR-GQ6G-D/Y/△/▲/A



- ⊙ Lamp Color(△): **R G Y B W**
- ⊙ Lamp Voltage(▲): 6V, 12V, 24V, 110V(with external resistor), 220V(with external resistor)

MR-GQ6 Indicator Specifications

- ⊙ Mounting Hole Diameter: Φ6mm
- ⊙ Lamp type: LED
- ⊙ Rated Current: 2mA~20mA
- ⊙ Mounting Nut Torque: About 0.1Nm
- ⊙ Panel Thickness: 6mm Max.
- ⊙ Terminal: Solder Lug (2.8x0.5mm) / Wire Leads 150mm
- ⊙ Soldering Temperature: 320°C 3s
- ⊙ Body Material: Nickel Plated Brass / Black plated Brass / Stainless Steel
- ⊙ Lens Material: Epoxy(UV resistant can be customized)
- ⊙ Base: PA
- ⊙ IP Rating: IP67; IK06(Flat round type only)
- ⊙ RoHS can be Customized

PART NUMBERS ON THIS DRAWING

MR-GQ6G-D MR-GQ6T-D

6 MM METAL INDICATOR LIGHT

MR-GQ6 SERIES

Micro-Ray

PART NO

MR-GQ6

DWG NO

MR-GQ6

UNITS: mm

SCALE: NTS - DO NOT SCALE

SHEET

2 OF 2

REV

A

SIZE

A4

DATE

2026-09-22