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

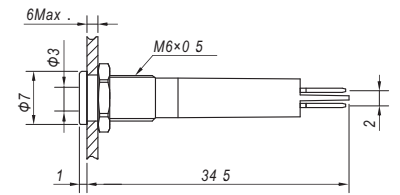| LED Life	Rated Current	Voltage Fluctuation	Diagram
40000 hours	24V approx.15mA 110V approx. 2mA	DC: ±10% AC: ±20%	a ○—▭R—▷ b With built-in resistor; AC/DC Lamp; No difference of anode or cathode. External resistor is need for voltage 110V (Φ6-14mm indicators)

Nickel Plated Brass
GQ6T-D/△/▲ /N

Stainless Steel
GQ6T-D/△/▲ /S
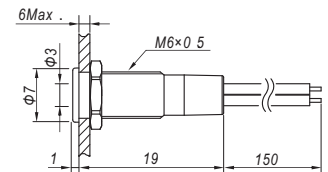
Black Plated Brass
GQ6T-D/△/▲ /A

Nickel Plated Brass
GQ6T-D/Y/△/▲/N

Stainless Steel
GQ6T-D/Y/△/▲/S

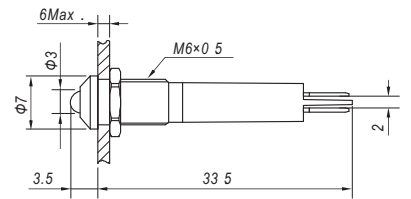*Black Plated Brass*
GQ6T-D/Y/△/▲/A

Nickel Plated Brass
GQ6G-D/△/▲/N

Stainless Steel
GQ6G-D/△/▲ /S
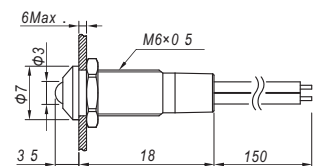
Black Plated Brass
GQ6G-D/△/▲ /A

Nickel Plated Brass
GQ6G-D/Y/△/▲/N

Stainless Steel
GQ6G-D/Y/△/▲/S

Black Plated Brass
GQ6G-D/Y/△/▲/A

◎ *Lamp Color(△):* R G Y B W

◎ *Lamp Voltage(▲): 6V, 12V, 24V, 110V(with external resistor), 220V(with external resistor)*

◎ *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℃ 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*
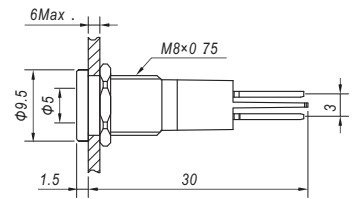
**GQ6 Indicator
Specifications**

ONPOW®

Nickel Plated Brass
GQ8T-D/△/▲ /N

Stainless Steel
GQ8T-D/△/▲ /S

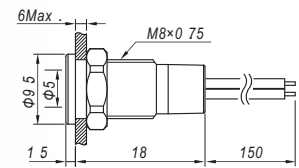Black Plated Brass
GQ8T-D/△/▲ /A

Nickel Plated Brass
GQ8T-D/Y/△/ /▲/ N

Stainless Steel
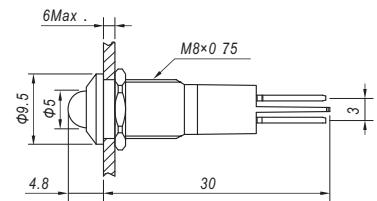GQ8T-D/Y/△/ /▲ /S

Black Plated Brass
GQ8T-D/Y/△/▲ /A

Nickel Plated Brass
GQ8G-D/△/▲/ N

Stainless Steel
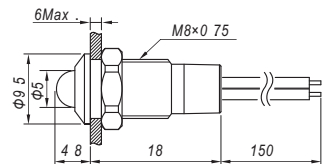GQ8G-D/△/▲ /S

Black Plated Brass
GQ8G-D/△/▲ /A

Nickel Plated Brass
GQ8G-D/Y/△/▲/N

Stainless Steel
GQ8G-D/Y/△/▲ /S

Black Plated Brass
GQ8G-D/Y/△/▲ /A

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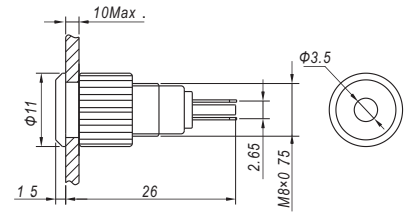◎ *Lamp Voltage(▲): 6V, 12V, 24V, 110V(with external resistor), 220V(with external resistor)*

◎ *Mounting Hole Diameter: Φ8mm*
◎ *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*
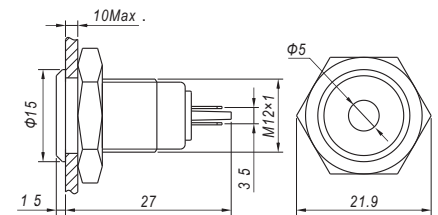◎ *Soldering Temperature: 320℃ 3s*

◎ *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*

GQ8 Indicator Specifications

Nickel Plated Brass
GQ8F-D/△/▲/N

10Max.

Φ11

Φ3.5

2.65

0.75

1.5   26

M8×0.75

Nickel Plated Brass
GQ12F-D/△/▲/N

10Max.

Φ15

Φ5

M12×1

3.5

1.5   27   21.9

⊙ *Lamp Color(△):* R G Y B W

⊙ *Lamp Voltage(▲): 6V, 12V, 24V, 110V(with external resistor), 220V(with external resistor)*

⊙ *Mounting Hole Diameter: Φ8, Φ12mm*

⊙ *Lamp type: LED*

⊙ *Rated Current: 2mA~20mA*

⊙ *Mounting Nut Torque: About 0.1Nm*

⊙ *Panel Thickness: 10mm Max.*

⊙ *Terminal: Solder Lug (2.8x0.5mm)*

⊙ *Soldering Temperature: 320℃ 3s*

⊙ *Body Material: Nickel Plated Brass*

⊙ *Base: PBT*

⊙ *IP Rating: IP67; IK06(Flat round type only)*

⊙ *RoHS can be Customized*
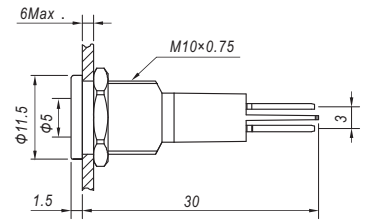
**GQ8,GQ12 Indicator
Specifications**

Nickel Plated Brass
GQ10T-D/△/▲ /N

Stainless Steel
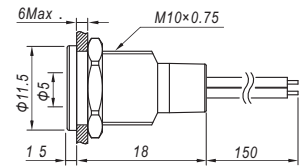GQ10T-D/△/▲ /S

Black Plated Brass
GQ10T-D/△/▲ /A

6Max.
M10×0.75
Φ11.5
Φ5
3
1.5
30

Nickel Plated Brass
GQ10T-D/Y/△/▲ /N

Stainless Steel
GQ10T-D/Y/△/▲ /S

Black Plated Brass
GQ10T-D/Y/△/▲ /A

6Max.
M10×0.75
Φ11.5
Φ5
1.5
18
150

Nickel Plated Brass
GQ10G-D/△/▲/N

Stainless Steel
GQ10G-D/△/▲ /S

Black Plated Brass
GQ10G-D/△/▲ /A

6Max.
M10×0.75
Φ11.5
Φ5
3
4.8
30
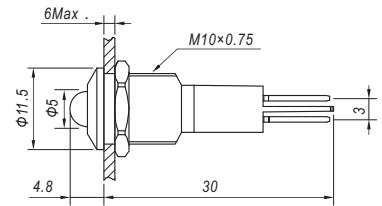
Nickel Plated Brass
GQ10G-D/Y/△/▲/N

Stainless Steel
GQ10G-D/Y/△/▲ /S

Black Plated Brass
GQ10G-D/Y/△/▲ /A

6Max.
M10×0.75
Φ11.5
Φ5
4.8
18
150
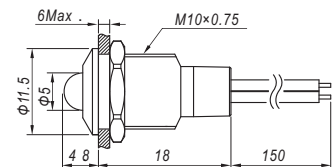
◎ *Lamp Color(△):* R G Y B W

◎ *Lamp Voltage(▲): 6V, 12V, 24V, 110V(with external resistor), 220V(with external resistor)*

◎ *Mounting Hole Diameter: Φ10mm*

◎ *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℃ 3s*

◎ *Body Material: Nickel Plated Brass / Black plated Brass / Stainless Steel*

◎ *Lens Material: Epoxy(UV resistant can be customized)*

◎ *Base: PA*

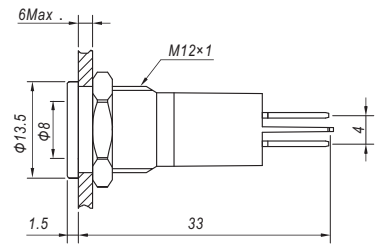◎ *IP Rating: IP67; IK06(Flat round type only)*

◎ *RoHS can be Customized*

GQ10 Indicator Specifications

Nickel Plated Brass
GQ12T-D/△/▲ /N

Stainless Steel
GQ12T-D/△/▲ /S

Black Plated Brass
GQ12T-D/△/▲ /A

6Max.

M12×1

Φ13.5

Φ8

1.5   33   4

Nickel Plated Brass
GQ12T-D/Y/△/▲ /N

Stainless Steel
GQ12T-D/Y/△/▲ /S

Black Plated Brass
GQ12T-D/Y/△/▲ /A

6Max.

M12×1

Φ13.5

Φ8

1.5   18.5   150

Nickel Plated Brass
GQ12G-D/△/▲/N

Stainless Steel
GQ12G-D/△/▲/S

Black Plated Brass
GQ12G-D/△/▲/A

6Max.

M12×1

Φ13.5

Φ8

4.5   33   4

Nickel Plated Brass
GQ12G-D/Y/△/▲/N

Stainless Steel
GQ12G-D/Y/△/▲/S

Black Plated Brass
GQ12G-D/Y/△/▲/A

6Max.

M12×1

Φ13.5

Φ8

4.5   18   150

◎ *Lamp Color(△):* R G Y B W

◎ *Lamp Voltage(▲): 6V, 12V, 24V, 110V(with external resistor), 220V(with external resistor)*

◎ *Mounting Hole Diameter: Φ12mm*
◎ *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℃ 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)*
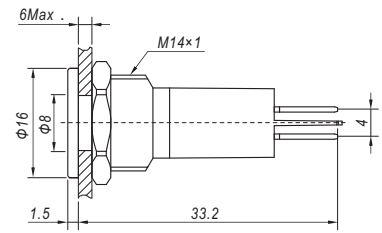◎ *RoHS can be Customized*

**GQ12 Indicator
Specifications**

Nickel Plated Brass
GQ14T-D/△/▲ /N

Stainless Steel
GQ14T-D/△/▲ /S

Black Plated Brass
GQ14T-D/△/▲ /A

6Max.   M14×1
Φ16 Φ8
1.5   33.2   4

Nickel Plated Brass
GQ14T-D/Y/△/▲/N

Stainless Steel
GQ14T-D/Y/△/▲/S

Black Plated Brass
GQ14T-D/Y/△/▲/A

6Max.   M14×1
Φ16 Φ8
1.5   18.5   150

Nickel Plated Brass
GQ14G-D/△/▲/N

Stainless Steel
GQ14G-D/△/▲ /S

Black Plated Brass
GQ14G-D/△/▲ /A

6Max.   M14×1
Φ16 Φ8
4.5   32.5   4

Nickel Plated Brass
GQ14G-D/Y/△/▲/N

Stainless Steel
GQ14G-D/Y/△/▲ /S

Black Plated Brass
GQ14G-D/Y/△/▲ /A

6Max.   M14×1
Φ16 Φ8
4.5   18   150

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

- Mounting Hole Diameter: Φ14mm
- 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℃ 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

**GQ14 Indicator
Specifications**

Nickel Plated Brass
GQ16T-D/△/▲ /N

Stainless Steel
GQ16T-D/△/▲ /S

Black Plated Brass
GQ16T-D/△/▲ /A

Nickel Plated Brass
GQ16G-D/△/▲/N

Stainless Steel
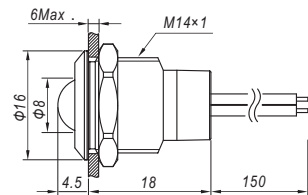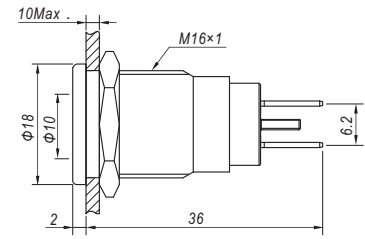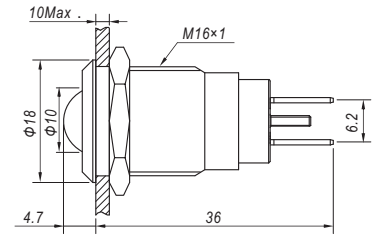GQ16G-D/△/▲ /S

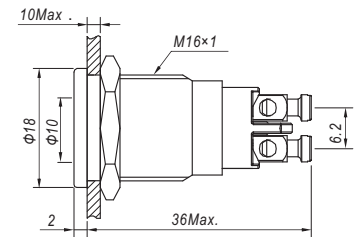Black Plated Brass
GQ16G-D/△/▲ /A

Nickel Plated Brass
GQ16T-D/L/△/▲ /N

Stainless Steel
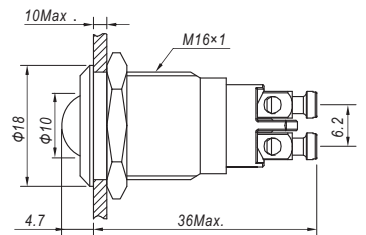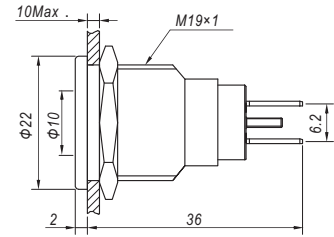GQ16T-D/L/△/▲/S

Black Plated Brass
GQ16T-D/L/△/▲ /A

Nickel Plated Brass
GQ16G-D/L/△/▲ /N

Stainless Steel
GQ16G-D/L/△/▲ /S

Black Plated Brass
GQ16G-D/L/△/▲/A

◎ Lamp Color(△): R G Y B W

◎ Lamp Voltage(▲): 6V, 12V, 24V, 110V(with external resistor), 220V(with external resistor)

◎ Mounting Hole Diameter: Φ16mm

◎ Lamp type: LED

◎ Rated Current: 2mA~20mA

◎ Mounting Nut Torque: About 0.1Nm

◎ Panel Thickness: 6mm Max.

◎ Terminal: Solder Lug (2.8x0.5mm) / Screw Terminals

◎ Soldering Temperature: 320℃ 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

**GQ16 Indicator
Specifications**

Nickel Plated Brass
GQ19T-D/△/▲ /N

Stainless Steel
GQ19T-D/△/▲ /S

Black Plated Brass
GQ19T-D/△/▲ /A

10Max.

M19×1

Φ22

Φ10

6.2

2

36

Nickel Plated Brass
GQ19G-D/△/▲ /N

Stainless Steel
GQ19G-D/△/▲ /S

Black Plated Brass
GQ19G-D/△/▲ /A

10Max.

M19×1

Φ22

Φ10

6.2

4.7

36

Nickel Plated Brass
GQ19T-D/L/△/▲ /N

Stainless Steel
GQ19T-D/L/△/▲ /S

Black Plated Brass
GQ19T-D/L/△/▲ /A

10Max.

M19×1

Φ22

Φ10

6.2

2

36Max.

Nickel Plated Brass
GQ19G-D/L/△/▲ /N

Stainless Steel
GQ19G-D/L/△/▲ /S

Black Plated Brass
GQ19G-D/L/△/▲ /A

10Max.

M19×1

Φ22

Φ10

6.2

4.7

36Max.

◎ *Lamp Color(△):* R G Y B W

◎ *Lamp Voltage(▲): 6V, 12V, 24V, 110V(with external resistor), 220V(with external resistor)*

◎ *Mounting Hole Diameter: Φ19mm*

◎ *Lamp type: LED*

◎ *Rated Current: 2mA~20mA*

◎ *Mounting Nut Torque: About 0.1Nm*

◎ *Panel Thickness: 6mm Max.*

◎ *Terminal: Solder Lug (2.8x0.5mm) / Screw Terminals*

◎ *Soldering Temperature: 320℃ 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*

GQ19 Indicator Specifications

ONPOW®

Nickel Plated Brass
GQ22T-D/△/▲ /N

Stainless Steel
GQ22T-D/△/▲ /S

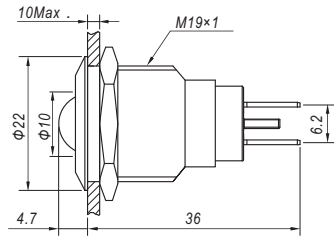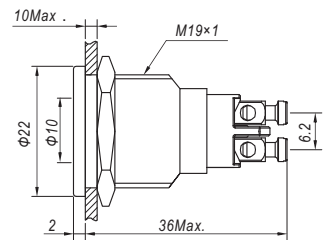*Black Plated Brass*
GQ22T-D/△/▲ /A

Nickel Plated Brass
GQ22G-D/△/▲ /N

Stainless Steel
GQ22G-D/△/▲ /S

Black Plated Brass
GQ22G-D/△/▲ /A

Nickel Plated Brass
GQ22T-D/L/△/▲ /N

Stainless Steel
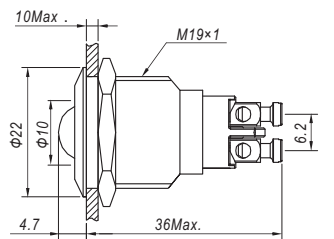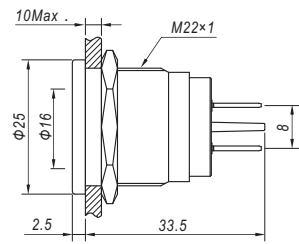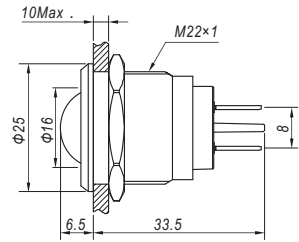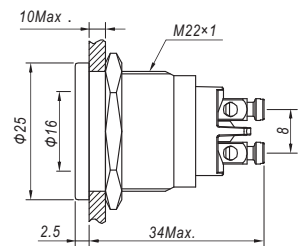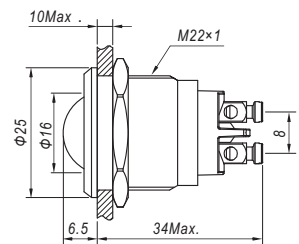GQ22T-D/L/△/▲ /S

Black Plated Brass
GQ22T-D/L/△/▲ /A

Nickel Plated Brass
GQ22G-D/L/△/▲ /N

Stainless Steel
GQ22G-D/L/△/▲ /S

Black Plated Brass
GQ22G-D/L/△/▲ /A

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

- ◉ *Mounting Hole Diameter: Φ22mm*
- ◉ *Lamp type: LED*
- ◉ *Rated Current: 2mA~20mA*
- ◉ *Mounting Nut Torque: About 0.1Nm*
- ◉ *Panel Thickness: 6mm Max.*
- ◉ *Terminal: Solder Lug (2.8x0.5mm) / Screw Terminals*
- ◉ *Soldering Temperature: 320℃ 3s*

- ◉ *Body Material: Nickel Plated Brass / Black plated Brass / Stainless Steel*
- ◉ *Lens Material: Epoxy(UV resistant can be customized)*
- ◉ *Base: PA*
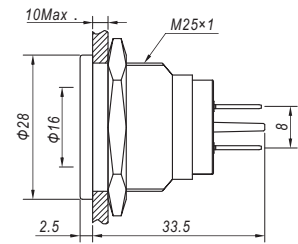- ◉ *IP Rating: IP67; IK06(Flat round type only)*
- ◉ *RoHS can be Customized*

**GQ22 Indicator
Specifications**

Nickel Plated Brass
GQ25T-D/△/▲ /N

Stainless Steel
GQ25T-D/△/▲ /S

Black Plated Brass
GQ25T-D/△/▲ /A

10Max.
M25×1
Φ28
Φ16
8
2.5
33.5

Nickel Plated Brass
GQ25G-D/△/▲ /N

Stainless Steel
GQ25G-D/△/▲ /S

Black Plated Brass
GQ25G-D/△/▲ /A

10Max.
M25×1
Φ28
Φ16
8
6.5
33.5
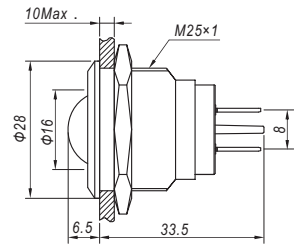
Nickel Plated Brass
GQ25T-D/L/△/▲ /N

Stainless Steel
GQ25T-D/L/△/▲ /S

Black Plated Brass
GQ25T-D/L/△/▲ /A

10Max.
M25×1
Φ28
Φ16
8
2.5
34Max.

Nickel Plated Brass
GQ25G-D/L/△/▲ /N

Stainless Steel
GQ25G-D/L/△/▲ /S

Black Plated Brass
GQ25G-D/L/△/▲ /A

10Max.
M25×1
Φ28
Φ16
8
6.5
34Max.

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

- *Mounting Hole Diameter: Φ25mm*
- *Lamp type: LED*
- *Rated Current: 2mA~20mA*
- *Mounting Nut Torque: About 0.1Nm*
- *Panel Thickness: 6mm Max.*
- *Terminal: Solder Lug (2.8x0.5mm) / Screw Terminals*
- *Soldering Temperature: 320℃ 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*

**GQ25 Indicator
Specifications**