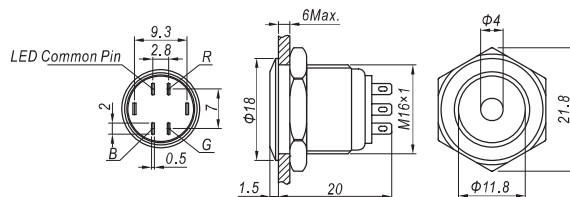
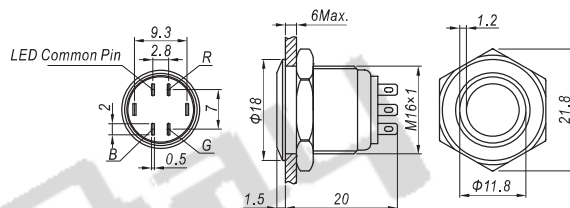


LED Options★ 41: Tri-color (Common Cathode) /
42: Tri-color (Common Anode)
LED Voltage▲ DC6V / DC12V / DC24V
Body Material■ Stainless Steel



GQ16F-10E/J/★RGB/▲/S (Dual-color with 3 pins is available)

LED Options★ 41: Tri-color (Common Cathode) /
42: Tri-color (Common Anode)
LED Voltage▲ DC6V / DC12V / DC24V
Body Material■ Stainless Steel



Specifications

Mounting Hole Diameter: $\Phi 16\text{mm}$

Switch Rating: 2A / 36VDC
0.5A / 220V

Contact Configuration: 1NO

Function: Momentary

Terminal: Solder Lugs (2x0.5mm)

Switching: X(Double-break Slow-motion contact)

Panel Thickness: 1~6mm

Mounting Nut Torque: About 0.6Nm

Mechanical Life: 1,000,000 cycles

Electrical Life: 50,000 cycles

Actuator Material: Stainless steel

Body Material : Stainless steel

Base: PA

Actuation Force: About 4N

Actuation Travel: About 2mm

Protection Class: IP65(IP67 can be customized), IK08

RoHS can be Customized

Performance characteristics

Operating Temperature	-25°C~+55°C (no freezing) Keep air flowing
Operating Humidity	45~85%RH (no condensation)
Contact Resistance	$\leq 50\text{m}\Omega$
Insulation Resistance	$\geq 100\text{M}\Omega (500\text{VDC})$
Dielectric Strength	1500V, RMS 50Hz, 1 minute
Vibration Resistance	50Hz, amplitude about 1.2mm
Soldering Temperature	320°C 3 seconds

Tri-color Lamp Ratings

Lamp Type	DC Tri-color LED
LED Color	R G B
LED Life	40000hours (Ref.)
Rated Voltage	Without Resistor: R 1.8V G 2.8V B 2.8V Built-in Resistor: DC6V, DC12V, DC24V
Rated Current	5~15mA
Lamp Circuit Diagram	Common Cathode Common Anode Using DC LED lamp, please distinguish anode and cathode; Built-in current-limiting resistor. (Please connect external resistors if you need to mix other LED colors.)

PART NUMBERS ON THIS DRAWING

MR-GQ16F-10D-RGB MR-GQ16F-10E-RGB

16 MM TRI-COLOUR ANTI-VANDAL PUSH BUTTON

MR-GQ16-RGB SERIES

Micro-Ray

PART NO

MR-GQ16-RGB

DWG NO

MR-GQ16-RGB

SHEET

1 OF 1

REV

A

UNITS: mm

SCALE: NTS - DO NOT SCALE

SIZE

A4

DATE

2026-09-22