

MW19 Series

19mm High Current Metal Pushbutton Switches



SPECIFICATIONS

- RATING** : 16A, 26A 250/125VAC.
- CONTACT RESISTANCE** : 50 mΩ max. @ 1A 12VDC (initial value)
- INSULATION RESISTANCE** : 100 MΩ min. at 500VDC
- DIELECTRIC STRENGTH** : 1,500V RMS @ sea level
- OPERATION TEMPERATURE** : -25°C to 85°C
- MECHANICAL LIFE** : Momentary 1,000,000 cycles
Latching 500,000 cycles
- ELECTRICAL LIFE** : 16A /125&250VAC 50,000 CYCLES
26A /125&250VAC 10,000 CYCLES
- OPERATION PRESSURE** : 3.5±1.5N
- TRAVEL** : About 3.2mm
- INGRESS PROTECTION** : IP67, IK08(Stainless)
- TORQUE**: 1~3Nm.

MATERIALS

- BUSHING** : Stainless Steel / Aluminum alloy
- BASE** : PBT(UL 94-V0) , PC(UL 94-V2)
- ACTUATOR** : PC ; Stainless Steel / Aluminum alloy
- INNER ASSEMBLY** : POM / PA66.
- SPRING** : Steel.
- SEALING** : Silicone.
- O-Ring** : Silicone.
- TERMINAL**: Brass ,Silver plated.
- HEX NUT** : Nickel plated brass.



IP 67
ACCORDING TO
EN 60529:1991+A1:2001
IEC 60529:2001



HOW TO ORDER

MODEL NO. BODY TYPE BUTTON TYPE OPERATING TYPE LIGHT TYPE LED COLOR LED VOLTAGE MICRO SWITCH TYPE RATING CONNECT FORMS TERMINAL TYPE

MW19 — [] — [] — [] — [] — [] — [] — [] — [] — [] — []

Body type
A0 Stainless (Natural)
C3 Al alloy (Black Anodized)

Operating type
0 Momentary
1 Lock

Light type
0 Without LED
E Ring Moveable (Flat button only)
L Ring+Power logo (Flat button only)
P Power logo
D Spot

Button type
F Flat
H High
R Round (Without LED only)

LED Color

ITEM NO	COLOR
0	Without LED
1	White
3	Red
5	Yellow
6	Green
7	Blue
DUAL COLOR LED	
A	Red&Green
B	Red&Blue

LED Voltage (20mA)

ITEM NO	VOLTAGE
0	Without resistor
3	3V
6	6V
12	12V
24	24V
36	36V
110	110V
220	220V

Micro switch type
A Standard (D-Logo)

Rating
1 16A(Only for terminal B type)
3 26A(Only for terminal A type)

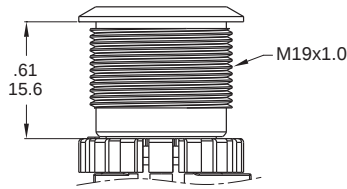
Connect forms
Z SPDT
T SPST-NO
D SPST-NC

Terminal type
A #250 Quick-connect terminal (t=0.8mm)
B #187 Quick-connect terminal (t=0.8mm)

EXAMPLE:
MW19-A0F0000-A3ZA(Without LED)
MW19-A0F0E [] [] -A3ZA
LED color — LED voltage

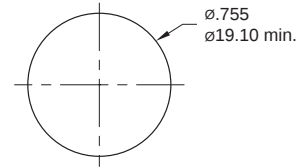
BODY TYPE

A0/C3



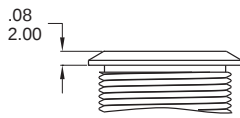
PANEL MOUNTING

Max. Panel thickness: 10.0mm[.39]

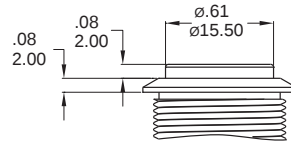


BUTTON TYPE

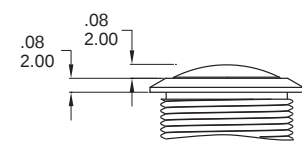
F Flat Button



H High Button

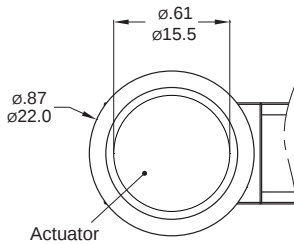


R Round Button (Without LED only)

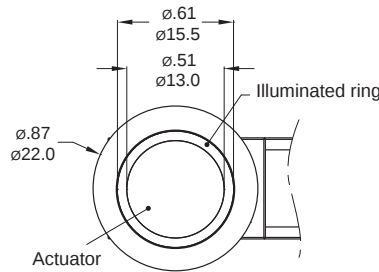


LIGHT TYPE

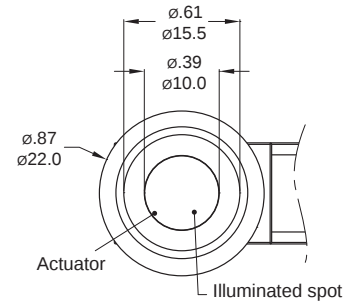
O Without LED



E Ring Moveable

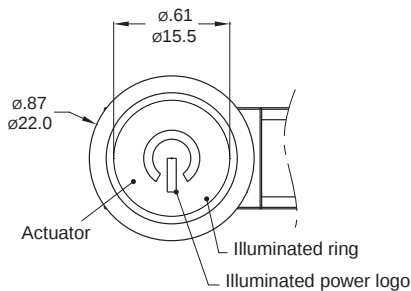


D Spot

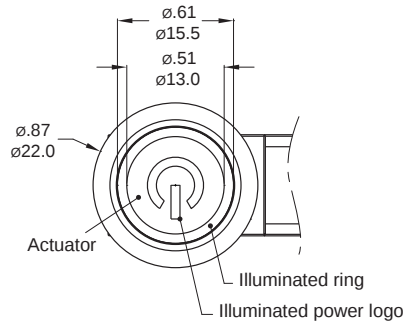


* Flat bottom for E light type only.

P Power logo



L Ring+Power logo

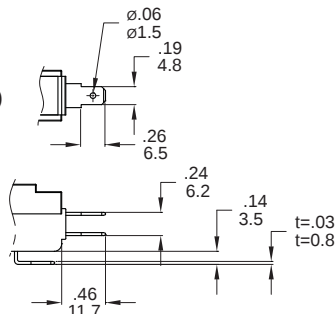


* Flat bottom for L light type only.

TERMINAL TYPE

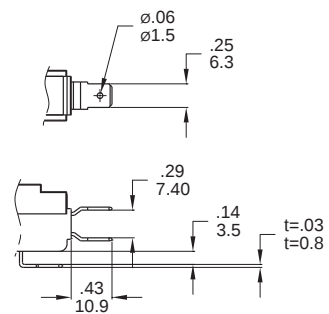
#187 Only 16A

Quick-connect terminal (t=0.8mm[.03])



#250 Only 26A

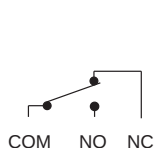
Quick-connect terminal (t=0.8mm[.03])



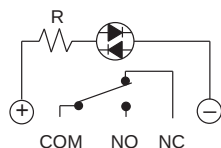
MW19 Series

19mm High Current Metal Pushbutton Switches

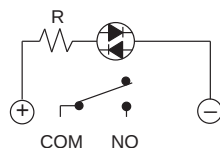
CIRCUIT



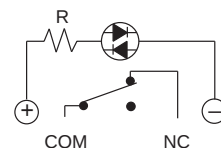
Non-LED



SPDT



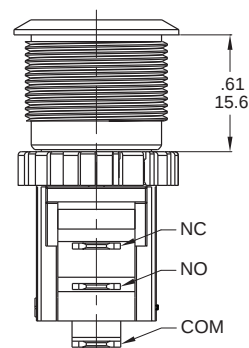
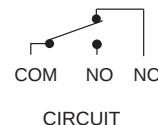
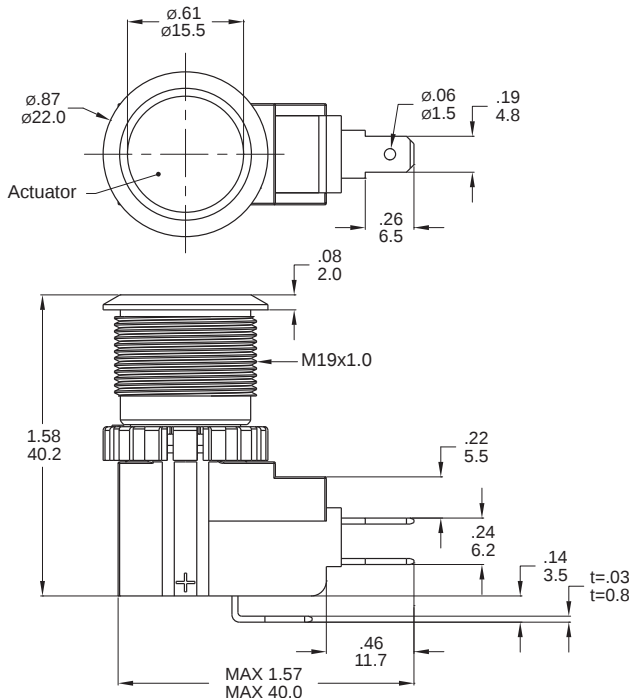
SPST-NO



SPST-NC

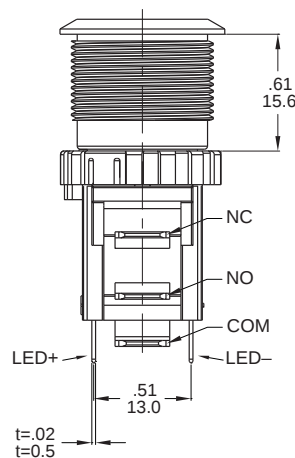
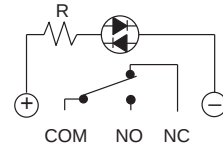
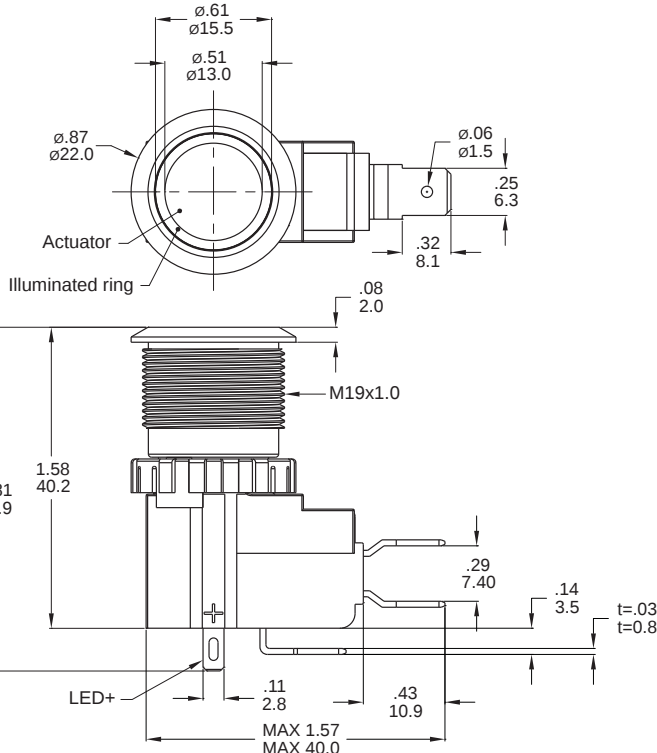
DIMENSION

O Without LED



Part No. Shown : MW19-A0F0000-A1ZB

E Ring Moveable
(Flat bottom only)



Part No. Shown : MW19-A0F0E3-A3ZA