

C1 S 02 - R 1 2 1 □ - HG10

G10 : 2NC+2NO Gold-Plated  
without lamp terminal

□ : Button color

B : Blue  
G : Green  
K : Black  
R : Red  
W : White  
Y : Yellow

1 : Without lamp  
Use General Cover

2 : IP65

1 : Low bezel

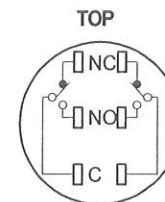
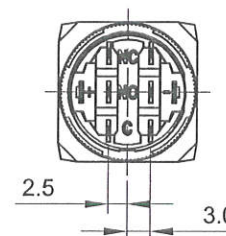
02 : Momentary



RoHS  
Compliant

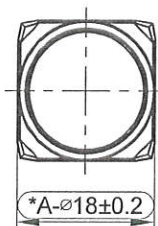
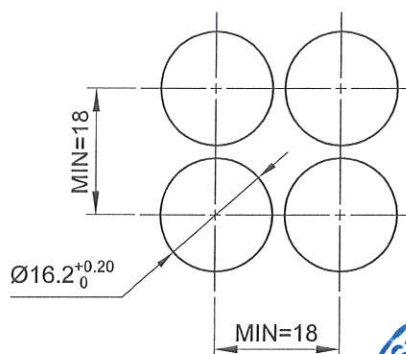
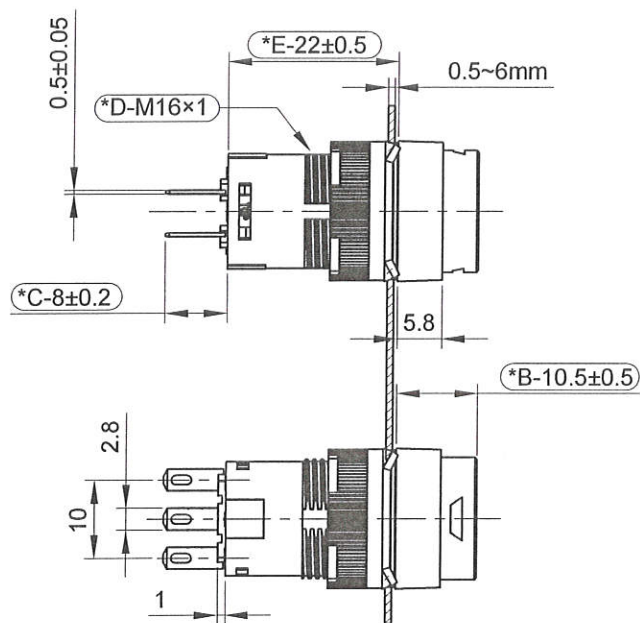
Bottom View

Electrical Diagram



Soldering/Plug-in Type Pushbutton Switch

Hole Dia



### Product Specifications

Mechanical life : >1,000,000 operations

Electrical life : >100,000 operations

Electrical rating

| Contact Ratings               |                     |       |      |             |
|-------------------------------|---------------------|-------|------|-------------|
| Rated Insulation Voltage(Ui)  |                     | 250 V |      |             |
| Rated Thermal Current (Ith)   |                     | 5 A   |      |             |
| Operating Voltage(AC/DC) (Ue) |                     | 12V   | 30V  | 125V 250V   |
| AC<br>50/60 Hz                | Resistive Load (Ie) | 5.0A  | 5.0A | 4.0A 2.0A   |
|                               | Inductive Load (Ie) | 5.0A  | 5.0A | 3.0A 1.5A   |
| DC                            | Resistive Load (Ie) | 1.0A  | 1.0A | 0.32A 0.16A |
|                               | Inductive Load (Ie) | 1.0A  | 1.0A | 0.22A 0.11A |

Max. insulation voltage : 1500V 60Hz 1min  
between all terminals

Panel thickness : 0.5mm~6mm

Degree of protection : IP65

Storage temperature : -30°C to +80°C

Operating temperature : -25°C to +55°C

Contact resistance : <50mΩ(initial)

Insulation resistance : >100MΩ



|                                       |                    |                        |
|---------------------------------------|--------------------|------------------------|
| <b>DECA<sup>®</sup>SwitchLab Inc.</b> |                    |                        |
| DESIGN<br>宋志豪                         | CHECK<br>iBkhi     | APPROVE<br>[Signature] |
| DATE<br>2021/05/24                    | DATE<br>2021/05/24 | DATE<br>2021/05/24     |

C1 S 02 - R 1 2 1 □ - HG11

G11 : 1NC+1NO Gold-Plated  
without lamp terminal

□ : Button color

B : Blue  
G : Green  
K : Black  
R : Red  
W : White  
Y : Yellow

1 : Without lamp  
Use General Cover

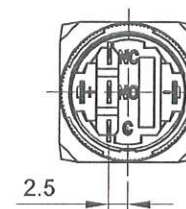
2 : IP65

1 : Low bezel

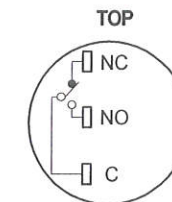
02 : Momentary



Bottom View

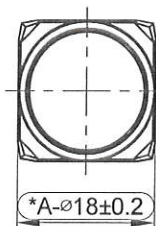
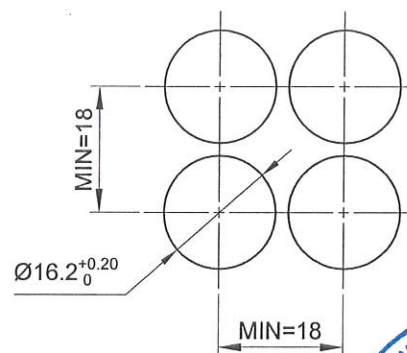
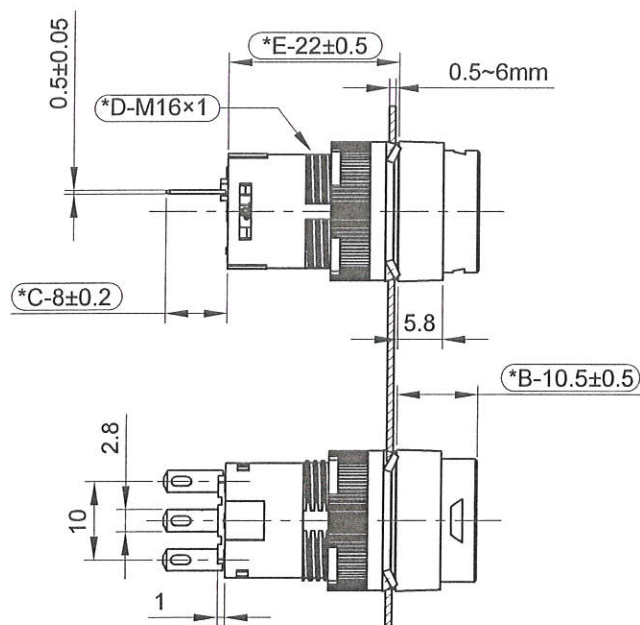


Electrical Diagram



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DECA® SwitchLab Inc.

DESIGN: 宋志豪  
DATE: 2021/05/24  
CHECK: [Signature]  
DATE: 2021/05/24  
APPROVE: [Signature]  
DATE: 2021/05/24

| PART NAME                                     | UNIT  | SCALE |
|-----------------------------------------------|-------|-------|
| Ø16 Pushbutton Switch<br>Round Momentary IP65 | MM    | 1:1   |
| DRAWING NO.                                   | SHEET |       |
| C1S02-R12 1 □-HG11                            | 1/1   |       |