

New!

AV SERIES TACTILE PUSHBUTTON SWITCHES

SPECIFICATIONS

Contact ratings: Max.resistive load: 50mA at 24 VDC
Initial contact resistance: 100 milliohms max.
Insulation resistance: 1000 megohms min. at 500 VDC
Dielectric strength: 500 V rms min. between terms.
 2000 V rms between terms & bushing
Electrical life: 1,000,000 cycles at full load
Operating force: 25 oz. \pm 7 oz.
Travel: .027" (0.7mm) \pm .003" (0.1mm)
Panel thickness: .039" (1mm) to .433" (11mm)
Operating temperature range: -30°C to +70°C
Solder heat resistance: 270 °C max. for 3 seconds

FEATURES

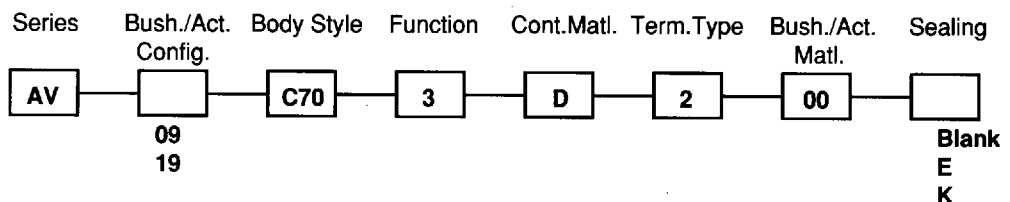
- .755" (19 mm) dia. models.
- Single pole NO momentary action.
- Standard models provide protection per IP54.
- Optional sealing options provide protection to IP65.
- Extremely rugged and durable.

MATERIALS

Contacts: Gold plated dome **Terminals:** Gold plated brass
Bushing & Actuator: Nickel plated brass (std'd)
Case: PBT **Hex. Mounting Nut:** Nickel plated brass

ORDER FORMAT: For complete model no., fill in empty boxes with selected options shown below.
 Example of complete model no. -

AV19C703D200

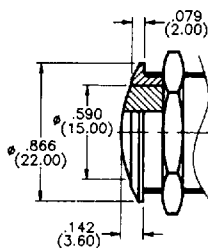


Other Bushing/Actuator materials available - consult factory.

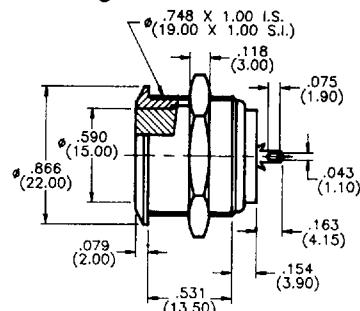
19mm

Bushing/Actuator configurations

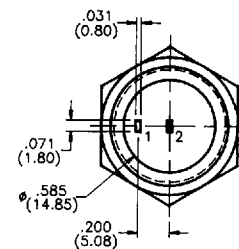
Solder lug terminals



19 curved Act. & Bush.



09 flat Act. & curved Bush.



Rear view all models

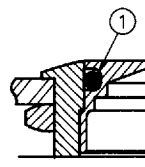


AV09C703D200
(Model shown)

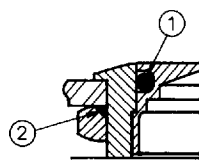


Schematic

Blank - no sealing (std'd)



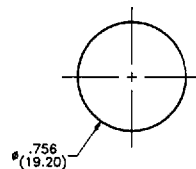
E - ① Internal seal meets IP65



K - ① Internal seal & ② front panel seals meet IP65

Sealing

Min. dimensions for matrix mounting: 1.181" (30mm) x 1.181" (30mm).



Mounting Hole

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Apem:](#)

[AV09C703D200](#) [AV09C703D200K](#) [AV19C703D200K](#) [AV19C703D200](#)