

# SERIES 30 Sealed, Front Panel Mounting

#### FEATURES

.220 -

- Threaded bushing
- Choice of 6 button colors
- SPST (momentary contact)

.780 REF. [19,81]

**Cable Options** 

- Gold plated contacts
- Strong, lightweight aluminum housing
- Sealed against dust and moisture to IP67 (to IP67 with silicone boot\*)

**DIMENSIONS** in inches (and millimeters)

.298

.182 [4,62]

Ø.522

-1/2-32 UNEF THREADS

- 700 MAX

HRINK TUBING COVERS

.400 [10,16] SWITCH SHOWN ABOVE IS 30-200-1 (6" LEADS)

PLASTIC POTTING SHELL, Ø.470 NAX EPOXY FILLED (FOR STRAIN RELIEF)

SCALE 3.000

DIM "A

SWITCH SHOWN IS 30-200-IS (6" LEADS WITH STRAIN RELIEF)

.110 [ 2,79 ]

.050 [1,27]



# RATING

.510 ±.003 [ 12,95 ]

Ø.530 ±.003

RECOMMENDED PA CUTOUT

-22AWG NEMA HP-3 TYPE ET LEADS. BLACK

WITCH STYLE (LEADS) DIM "A" + TOL.

.125 TYP.-

Cycles: 500,000 actuations Operating Temperature: -40°C to +80°C Shock: 100 G's/6 milliseconds Travel: .090 nominal Travel Before Make: .035 nominal Rating at 24 VDC: 150 milliamps Voltage Breakdown: 1000 Vac Contact Resistance: 25 Megaohms max (initial) Insulation Resistance: 1,000 Megaohms minimum

#### MATERIAL

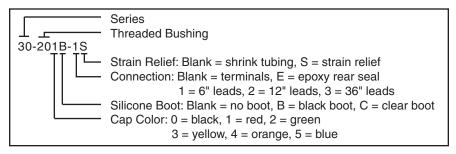
Housing: Aluminum, black chrome finish Button, Base, and Plunger: Nylon, 45% glass-filled Terminal: Brass, gold-plated over nickel Shorting Bar: Brass, gold-plated over nickel Internal Seal: Silicone rubber O-ring panel Seal: Silicone Spring: Tinned music wire Hex Nut: 1/2-32, Brass with Nickel Plating, P/N 635201 Lockwasher: Internal,1/2 dia., Steel with Zinc plating, P/N 635401

\* Switch meets IP67 without boot if not actuated during immersion

### CIRCUITRY: SPST N.O.



## ORDERING INFORMATION





# **Mouser Electronics**

Authorized Distributor

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

Grayhill: 30M4070-1 30M4070-2