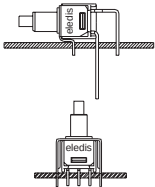




SERIES 6A

- Sub-miniature pushbutton



AGENCY APPROVALS



CHARACTERISTICS

- A tiny switch suitable for most miniature equipments.
- High current switching up to 3 Amps @ 120 VAC or 28 VDC.

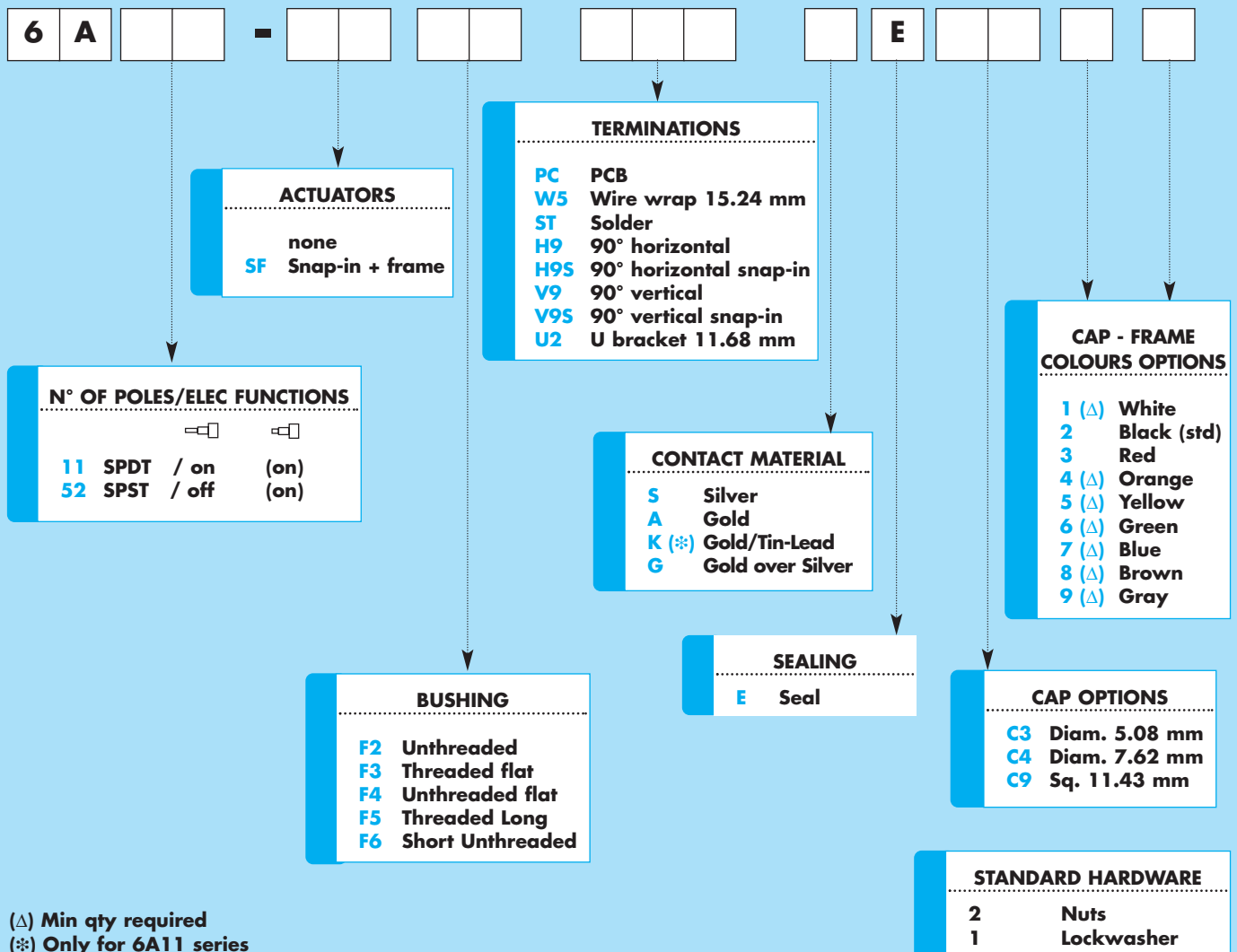
SPECIFICATIONS

Contact Rating: **S** (silver) - 3A @ 120 VAC or 28 VDC - 1A @ 250 VAC - **A** (gold) or **K*** (gold/tin-lead) - 0.4 VA max @ 20 VAC or DC max
Electrical life: 60,000 make and break cycles at full load
Contact Resistance: 20 mΩ max. initial @ 2-4 VDC - 100 mA, for both silver and gold plated contacts
Insulation Resistance: 1000 MΩ min.
Dielectric Strength: 1500 VRMS @ sea level
Operating Temperature: -30°C to 85°C

MATERIALS

Case: Dially phthalate (DAP)
Plunger: Thermoplastic polyester - black
Bushing: Brass nickel plated
Terminal support: Brass, electrotin plated
Housing: Stainless Steel

HOW TO ORDER



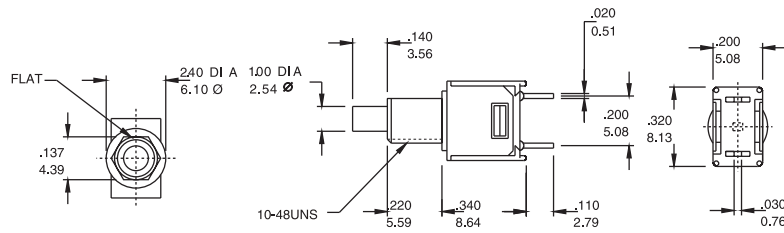
(Δ) Min qty required
(*) Only for 6A11 series

SERIES 6A

ELECTRICAL FUNCTIONS

DIMENSIONS

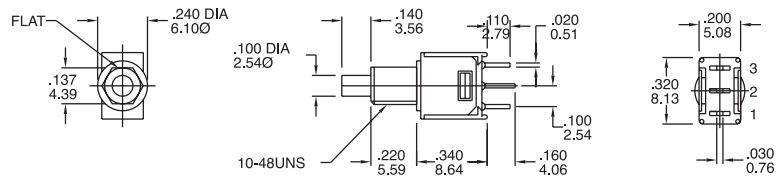
SPST	Type
5 2	off (on)



Part N° shown: 6A52-F3STSE

SPDT	Type
1 1	on (on)
2 - 1	2 - 3

2 Comm.
NC 1 °3 NO



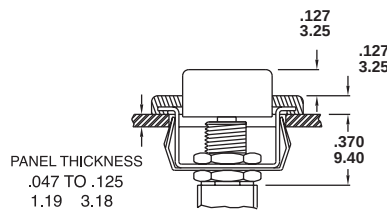
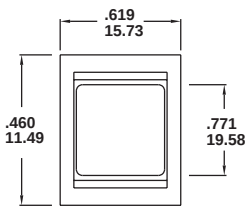
Part N° shown: 6A11-F3STSE

ACTUATORS

SF

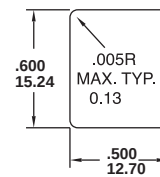
Snap-in front panel mounting (only with SPST model)

Add colour to P/N



PANEL THICKNESS
.047 TO .125
1.19 3.18

Frame: black colour only

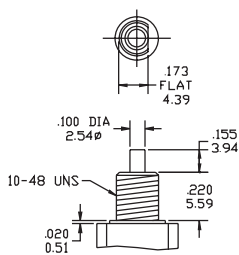


ACTUATOR COLOURS

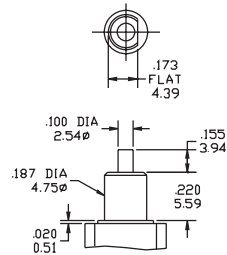
- 1 (Δ) White
- 2 Black (std)
- 3 Red
- 4 (Δ) Orange
- 5 (Δ) Yellow
- 6 (Δ) Green
- 7 (Δ) Blue
- 8 (Δ) Brown
- 9 (Δ) Gray

BUSHING

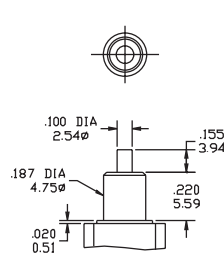
F3



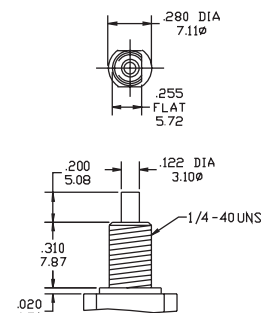
F4



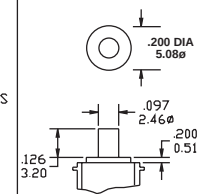
F2



F5



F6



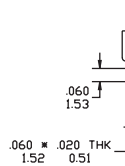
(Δ) Min qty required



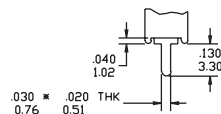
SERIES 6A

TERMINATIONS

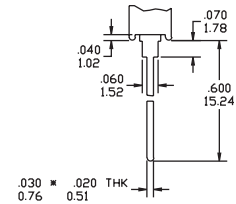
ST



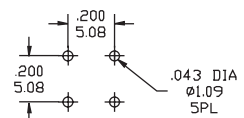
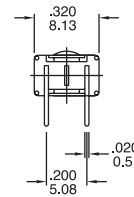
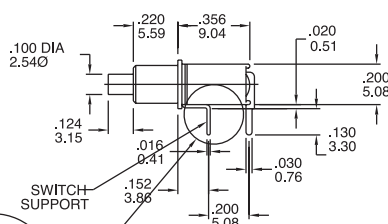
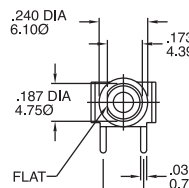
PC



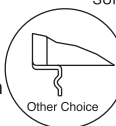
W5



H9
SPST

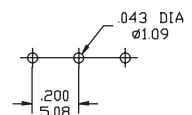
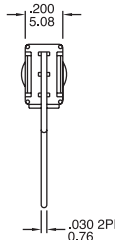
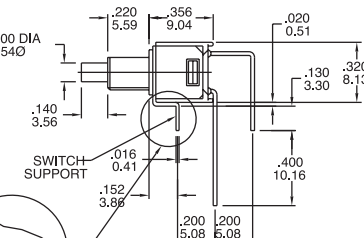
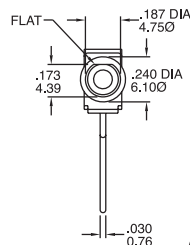


H9S
Snap-in



Part N° shown: 6A52-F4H9AE

V9
SPST

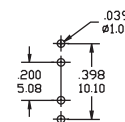
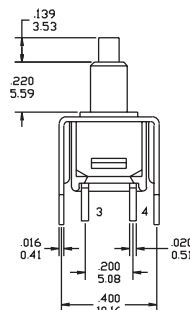
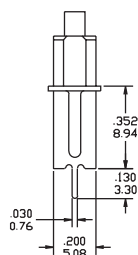


V9S
Snap-in



Part N° shown: 6A52-F4V9AE

U2
SPST

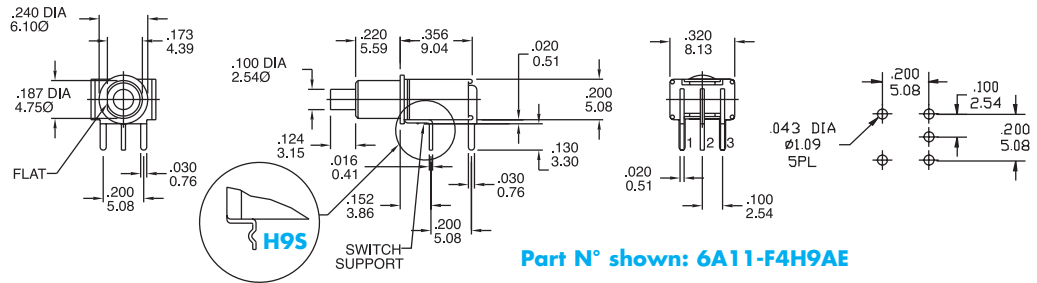


Part N° shown: 6A52-F4U2AE

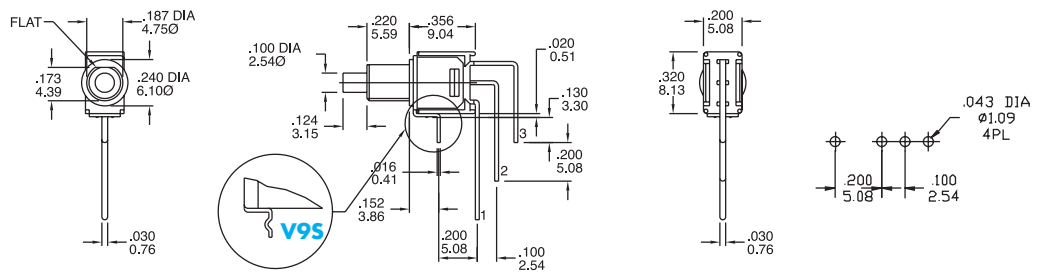
SERIES 6A

TERMINATIONS

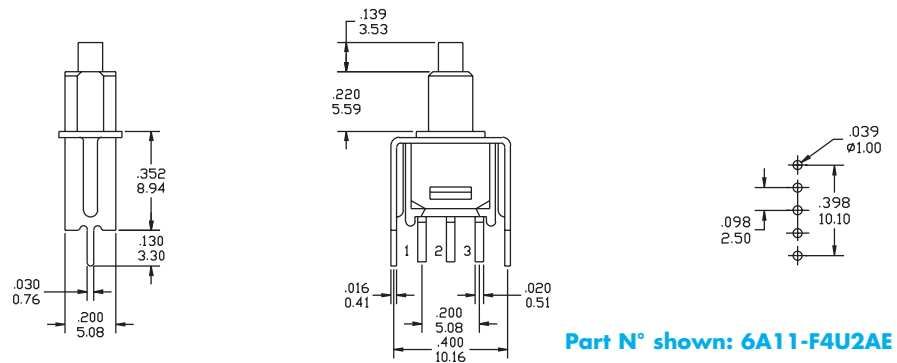
H9
SPDT



V9
SPDT



U2
SPDT





SERIES 6A

CONTACT MATERIALS

CONTACT RATINGS

S

Moving Contacts: coin silver, silver plated
Center Contacts and all Terminals: brass, silver plated
Rating: 3 Amps with resistive load @ 120 VAC or 28 VDC
 1.5 Amps with resistive load @ 250 VAC

A

Moving Contacts: brass, gold plated over nickel plate
Terminals: brass, gold plated over nickel plate
Rating: 0.4 Volts/Amps max @ 20 Volts max (AC or DC)

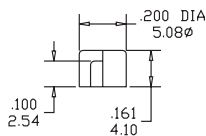
K

Same as **A**, but with pre-tinned terminals

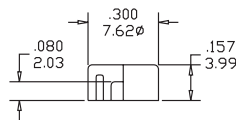
G

Moving Contacts: gold plating over silver
End Terminals: gold plating over silver
Center Terminals: gold plating over copper alloy, silver plated

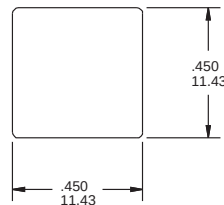
CAP OPTIONS



C3



C4



C9

CAP + FRAME COLOURS OPTIONS

- 1 (Δ) White
- 2 Black (std)
- 3 Red
- 4 (Δ) Orange
- 5 (Δ) Yellow
- 6 (Δ) Green
- 7 (Δ) Blue
- 8 (Δ) Brown
- 9 (Δ) Gray

Part Number

☐ ☐ Colour

(Δ) Min qty required

PACKAGING

Transparent Trays 15x21x4 cm



Qty per tray: (ST, PC Terminals)
 Series 6A1x 500 pcs

MARKING (on products)

The switches are individually marked with the following information:

- Side 1** TRADE MARK
 SERIES AND MODEL
 DATE CODE
- Side 2** RATING
 CONTACTS

Note: Not all information may be available on some products.

LABELLING (on packaging)

The label on each tray gives full information on the products contained.

P/N: EL.FNC.: Q.TY: DATE CODE:	
Made in Taiwan	
Remarks	

A Bar code indicating Model, Quantity, Date Code enables easy traceability.