

G series

Slide switches - telecom grade

Distinctive features and specifications



☐ Panel and PC mount models

☐ 6 actuator lengths

☐ Wide variety of contact materials

ELECTRICAL SPECIFICATIONS

- Max. current/voltage rating with resistive load :
 - silver contacts (codes 1 or 2) : 2A 250VAC - 4A 125VAC - 3A 30VDC
 - gold plated brass contacts (code 0) : 0,4VA 20VAC or DC max.
- Initial contact resistance : 10 m Ω
- Insulation resistance : 1.000 M Ω min.
- Dielectric strength : 1.000 Vrms 50 Hz min.
- Electrical life with resistive load :
 - silver contacts (codes 1 or 2) : 2 positions : 40.000 cycles
3 positions : 20.000 cycles
 - gold plated brass contacts (code 0) : 60.000 cycles (0,4VA max.)

MATERIALS

- Case : PES
- Actuator : polyamide, glass filled
- Cover : stainless steel
- Contacts
 - 0 : brass, gold plated
 - 1 : silver
 - 2 : silver, gold plated
 - 5 : special contact, lower rating, minimum quantity : consult factory
- Terminal seal : epoxy

GENERAL SPECIFICATIONS

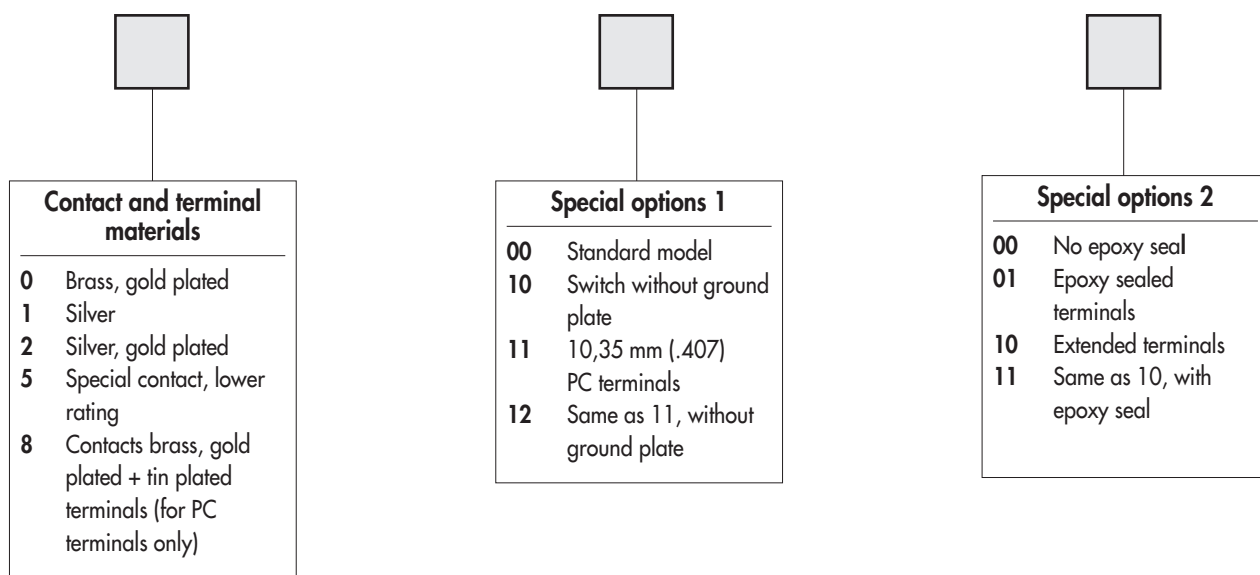
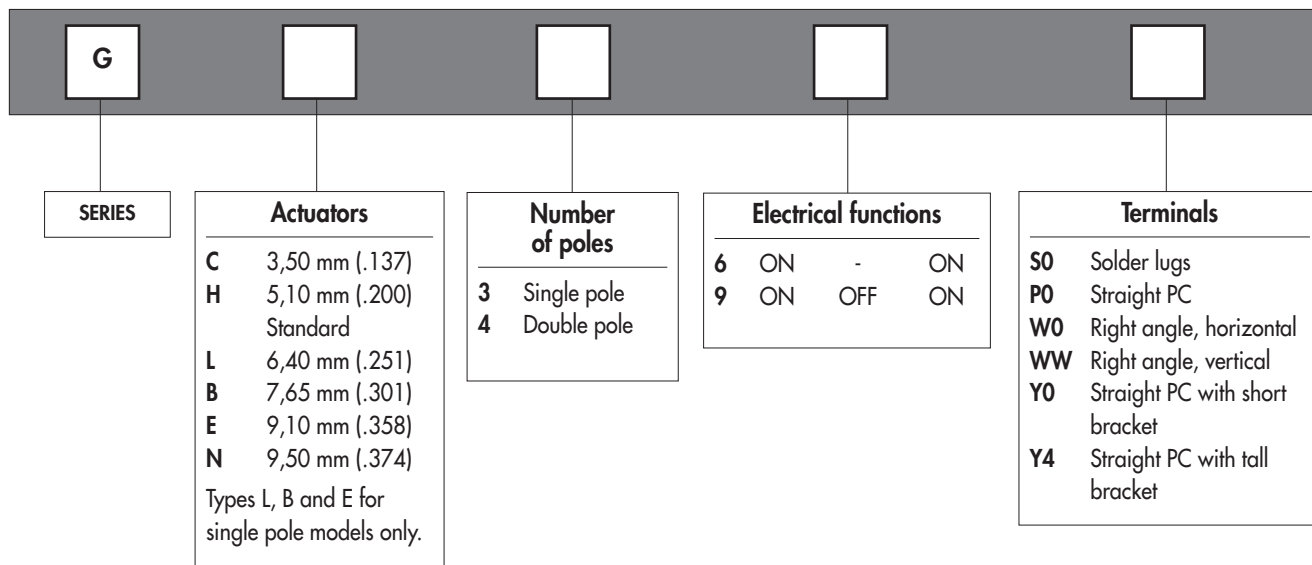
- Travel : 2,20 mm (.086)
- Operating temperature : -30°C to +85°C
- Recommended soldering : 300°C 5 sec. max.

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Overview



ABOUT THIS SERIES

On the following pages, you will find successively :

- model structure of switches
- options in the same order as in above chart

Dimensions : first dimensions are in mm while inches are shown as bracketted numbers.



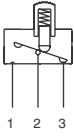
NOTICE : please note that not all combinations of above numbers are available. Refer to the following pages for further information.



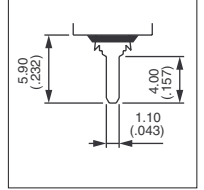
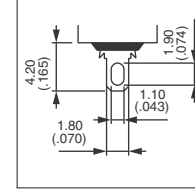
Packaging unit : 100 pieces for SP solder lug (S0) and straight terminal (P0) models. 50 pieces for other models.

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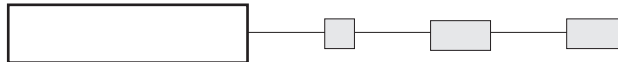
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- Solder lug, straight PC or right angle terminals
- Single and double pole configurations



MODEL STRUCTURE

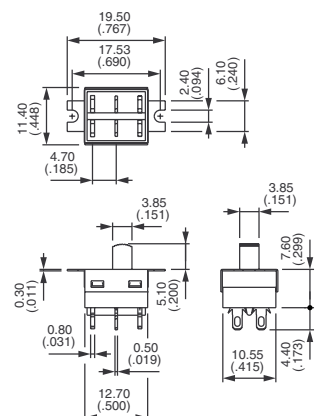
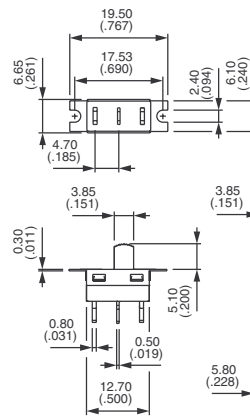


Shown with standard actuator (type H)

Solder lug terminals



Single pole	Double pole	ON	-	ON
GH36S0	GH46S0	ON	-	ON
GH39S0	GH49S0	ON	OFF	ON

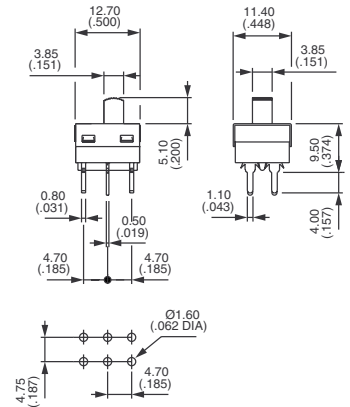
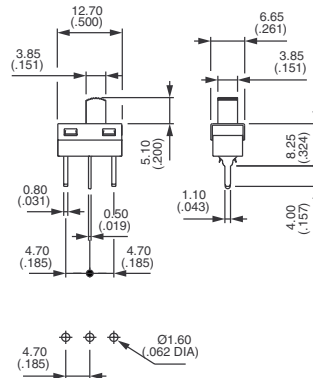


Order with epoxy sealed terminals (option 01).

Straight PC terminals



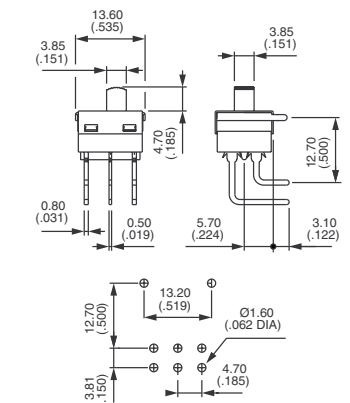
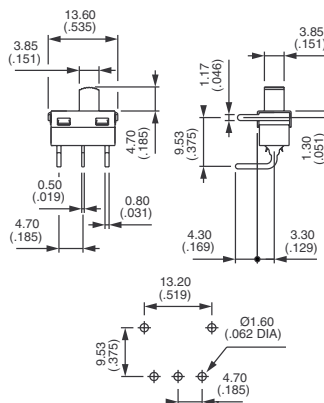
Single pole	Double pole	ON	-	ON
GH36P0	GH46P0	ON	-	ON
GH39P0	GH49P0	ON	OFF	ON



Right angle terminals - horizontal



Single pole	Double pole	ON	-	ON
GH36W0	GH46W0	ON	-	ON
GH39W0	GH49W0	ON	OFF	ON



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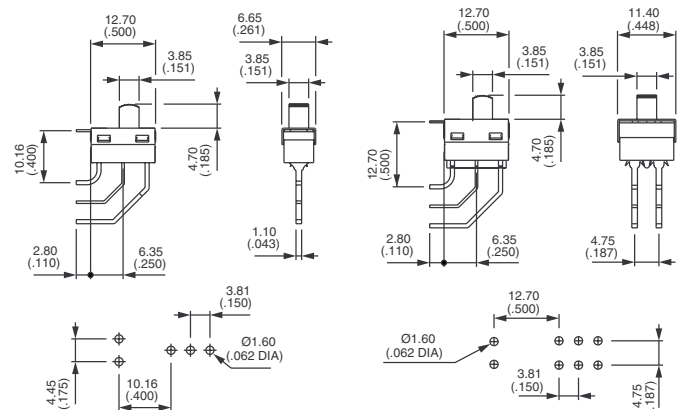
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MODEL
STRUCTURE

Right angle terminals - vertical



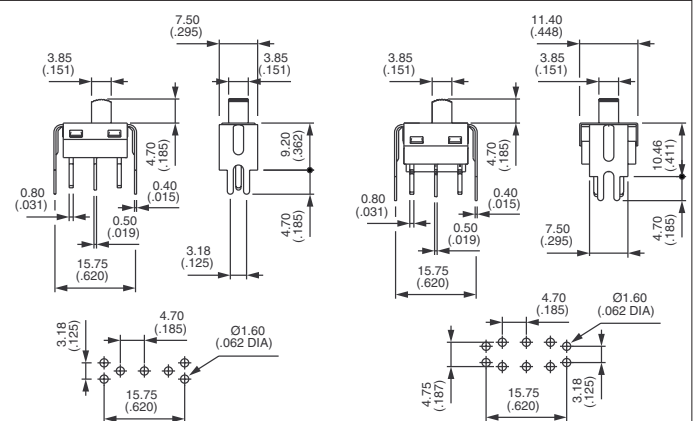
Single pole	Double pole			
GH36WW	GH46WW	ON	-	ON
GH39WW	GH49WW	ON	OFF	ON



Straight PC terminals - short bracket : Y0



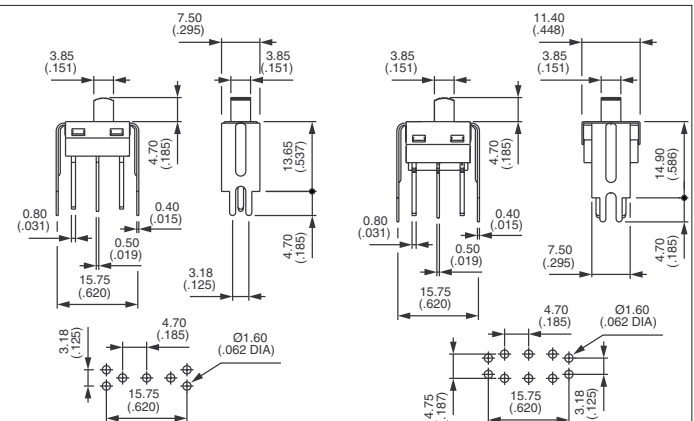
Single pole	Double pole			
GH36Y0	GH46Y0	ON	-	ON
GH39Y0	GH49Y0	ON	OFF	ON



Straight PC terminals - tall bracket : Y4

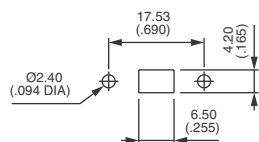


Single pole	Double pole			
GH36Y4	GH46Y4	ON	-	ON
GH39Y4	GH49Y4	ON	OFF	ON

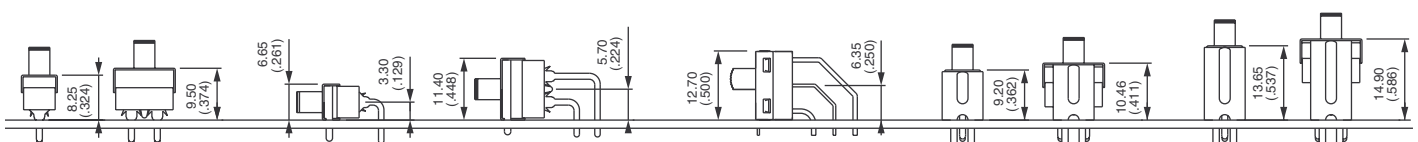


PANEL CUT-OUT

Solder lug
model



PCB MOUNTING

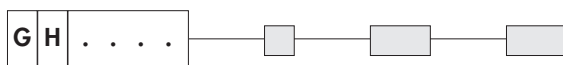




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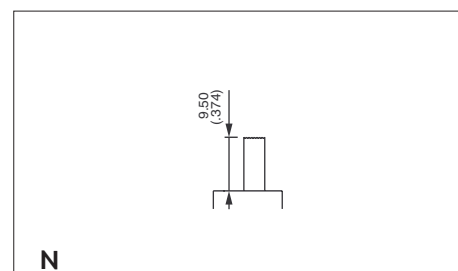
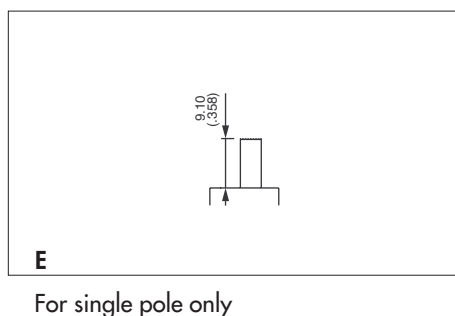
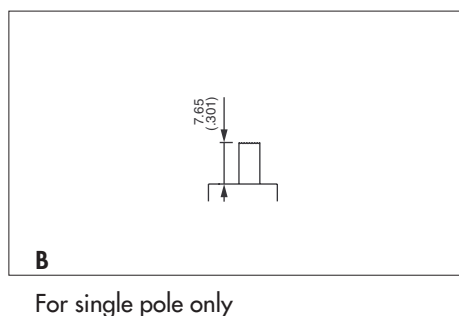
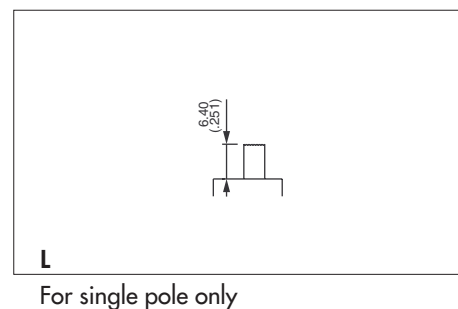
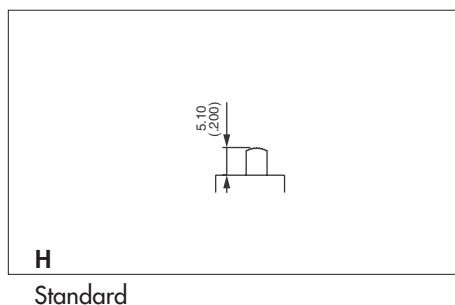
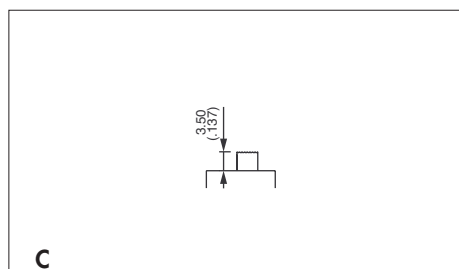
ACTUATORS



Replace second digit (H) of basic model number with one of the codes below.



Dimensions below are for solder lug (SO) and straight terminals (PO) models.
For other models (WO - WW - Y0 - Y4), height is less 0,4 mm (.015).



CONTACT AND TERMINAL MATERIALS



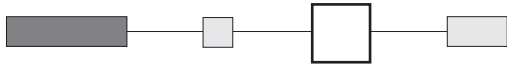
- 0** Brass, gold plated
- 1** Silver
- 2** Silver, gold plated
- 5** Special contact, lower rating, minimum quantity : consult factory
- 8** Contacts brass, gold plated + tin plated terminals (for PC terminals only)

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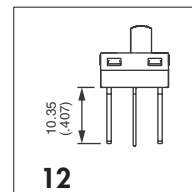
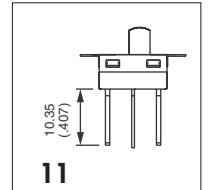
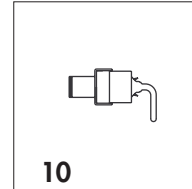
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OPTIONS
● ● ●

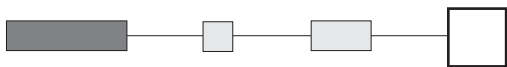
SPECIAL OPTIONS 1



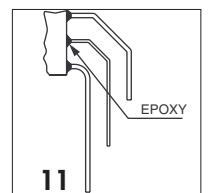
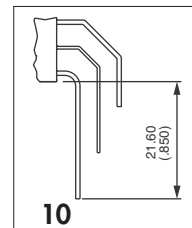
- 00 Standard switch as presented under "Model Structure"
- 10 Switch **without ground plate**
For right angle only (W0 and WW models)
- 11 10,35 mm (.407) long PC terminals
- 12 10,35 mm (.407) long PC terminals **without ground plate**



SPECIAL OPTIONS 2



- 00 No epoxy seal
- 01 **Epoxy sealed** terminals
(compulsory on solder lug models)
- 10 **Extended terminals**
For vertical right angle (WW models)
- 11 **Extended terminals** as above, **with epoxy seal**



E

Mouser Electronics

Authorized Distributor

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