

# G series

Slide switches • telecom grade



## DISTINCTIVE FEATURES

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) : 3 A 30 VDC
  - gold plated brass contacts (code 0) : 0.4 VA 20 VAC or DC max.
- Initial contact resistance : 10 mΩ
- Insulation resistance : 1,000 MΩ 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.)



## GENERAL SPECIFICATIONS

- Travel : 2.20 mm (.086), except on model GN3... : 2.60 mm (.102)
- Operating temperature : -30 °C to +85 °C (-22 °F to +185 °F)
- Recommended soldering : 300 °C (572 °F) 5 sec. 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

APEM products may be recycled at end-of-life for the re-claiming of valuable metal components.

The company reserves the right to change specifications without notice.



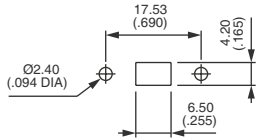
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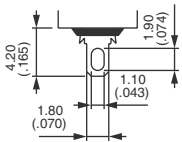


## PANEL CUT-OUT

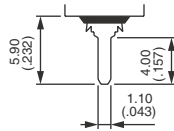
SOLDER LUG MODEL



## TERMINALS



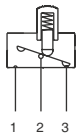
Solder lugs



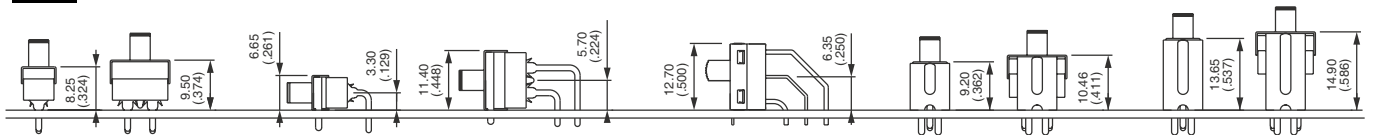
Straight PC



## ELECTRICAL FUNCTIONS

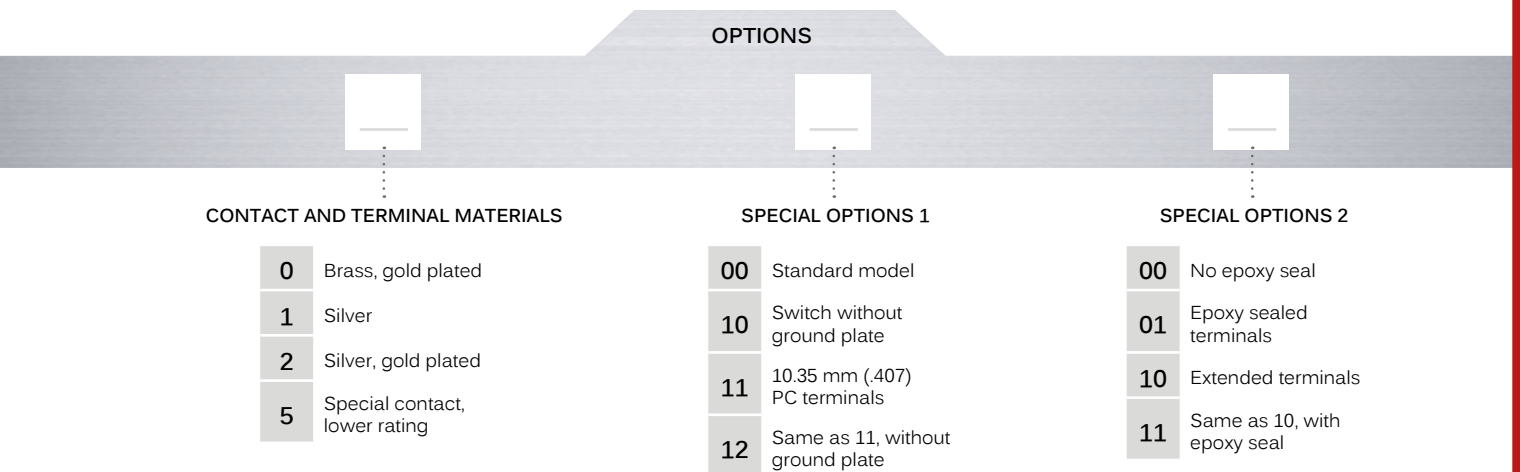
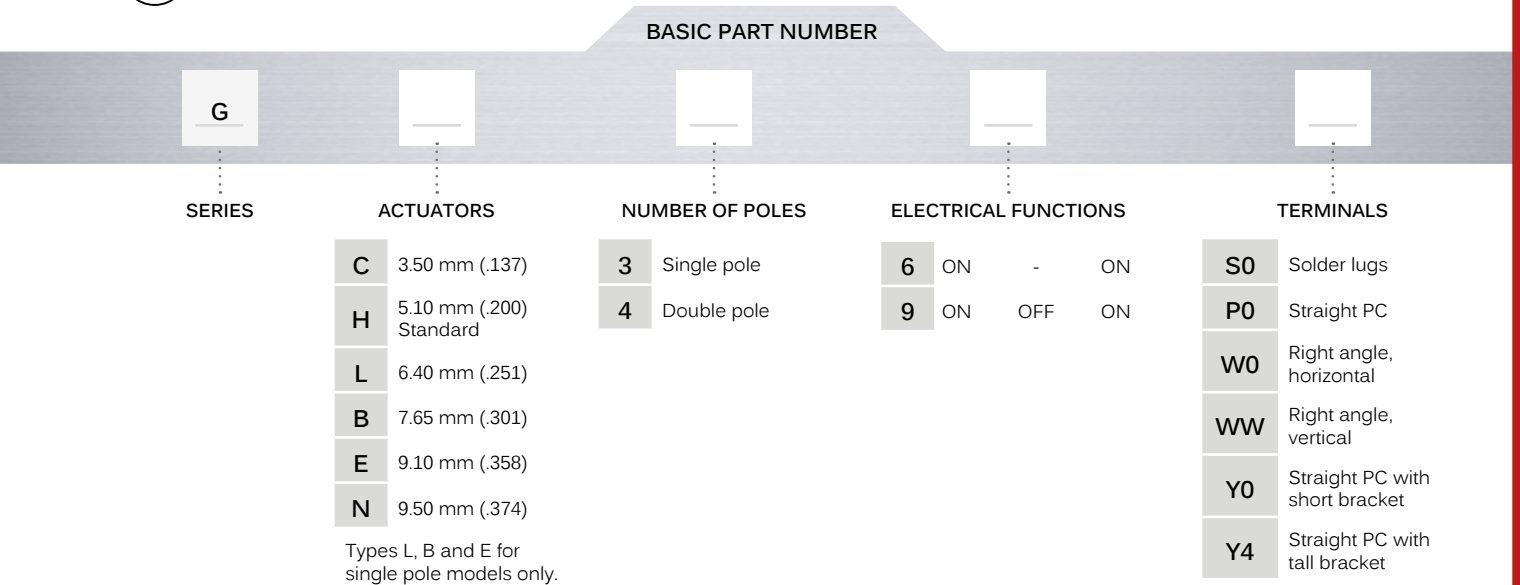


## PCB MOUNTING





## BUILD YOUR PART NUMBER



## ABOUT THIS SERIES

On the following pages, you will find successively basic part numbers of switches and options in the same order as in above chart.

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

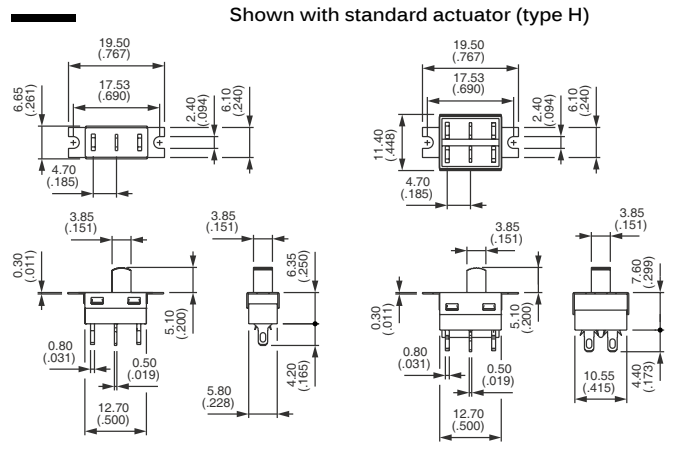
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## SOLDER LUG TERMINALS



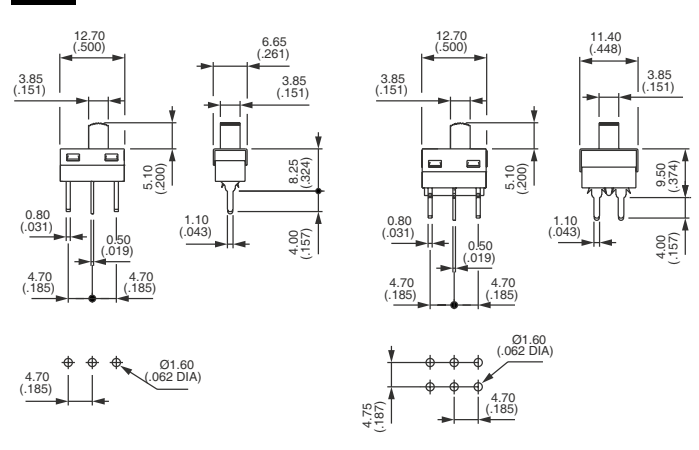
Single pole	Double pole			
<b>GH36S0</b>	<b>GH46S0</b>	ON	-	ON
<b>GH39S0</b>	<b>GH49S0</b>	ON	OFF	ON



## STRAIGHT PC TERMINALS



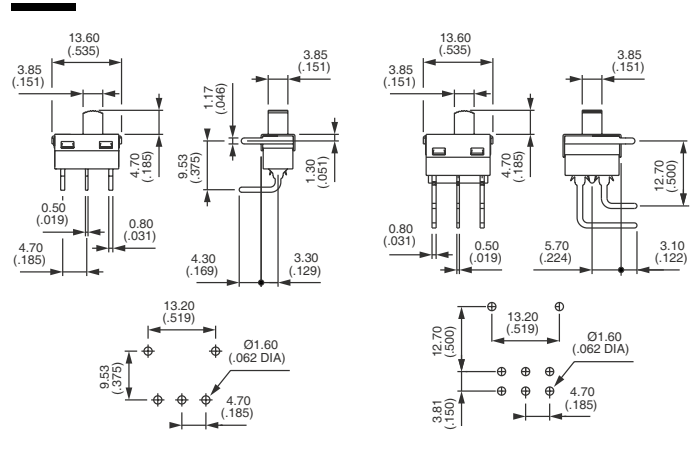
Single pole	Double pole			
<b>GH36P0</b>	<b>GH46P0</b>	ON	-	ON
<b>GH39P0</b>	<b>GH49P0</b>	ON	OFF	ON



## RIGHT ANGLE TERMINALS - HORIZONTAL



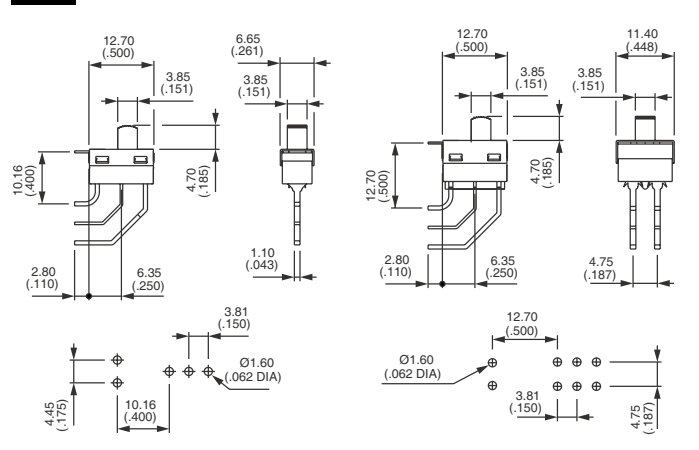
Single pole	Double pole			
<b>GH36W0</b>	<b>GH46W0</b>	ON	-	ON
<b>GH39W0</b>	<b>GH49W0</b>	ON	OFF	ON



## RIGHT ANGLE TERMINALS - VERTICAL



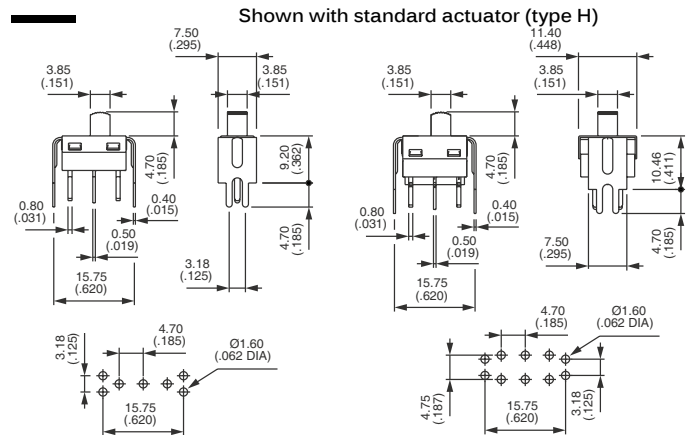
Single pole	Double pole			
<b>GH36WW</b>	<b>GH46WW</b>	ON	-	ON
<b>GH39WW</b>	<b>GH49WW</b>	ON	OFF	ON



## STRAIGHT PC TERMINALS SHORT BRACKET : Y0



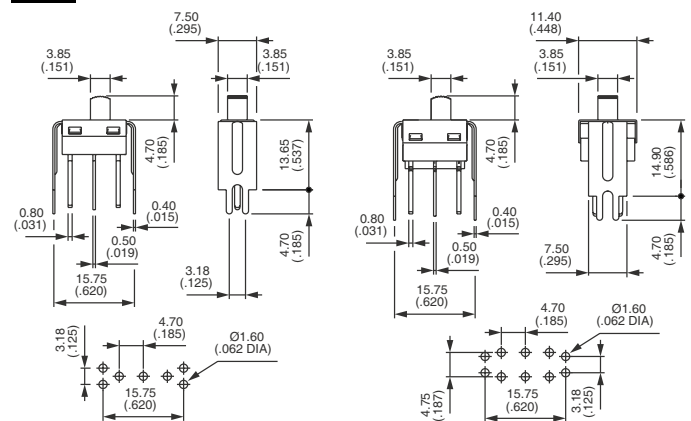
Single pole	Double pole			
<b>GH36Y0</b>	<b>GH46Y0</b>	ON	-	ON
<b>GH39Y0</b>	<b>GH49Y0</b>	ON	OFF	ON



## STRAIGHT PC TERMINALS TALL BRACKET : Y4



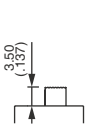
Single pole	Double pole			
<b>GH36Y4</b>	<b>GH46Y4</b>	ON	-	ON
<b>GH39Y4</b>	<b>GH49Y4</b>	ON	OFF	ON



## ACTUATORS

For a different actuator, replace second digit (H) of basic part number with one of the following codes.

- ⓘ Dimensions below are for solder lug (S0) and straight terminals (P0) models.  
For other models (WO - WW - Y0 - Y4), height is less 0.4 mm (.015).

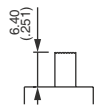


C

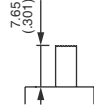


H

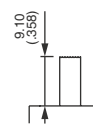
Standard



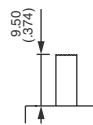
L \*



B \*



E \*



N

\* For single pole only

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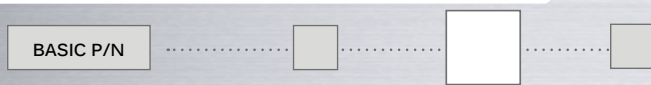
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## CONTACT AND TERMINAL MATERIALS

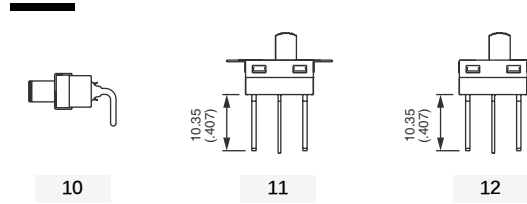


- 0 Brass, gold plated
- 1 Silver
- 2 Silver, gold plated
- 5 Special contact, lower rating, minimum quantity : consult factory

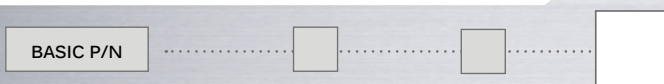
## SPECIAL OPTIONS 1



- 00 Standard switch as presented on previous pages
- 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

