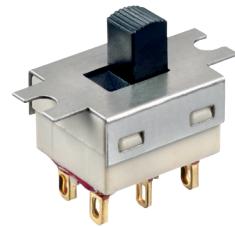


# G series

Slide switches • telecom grade



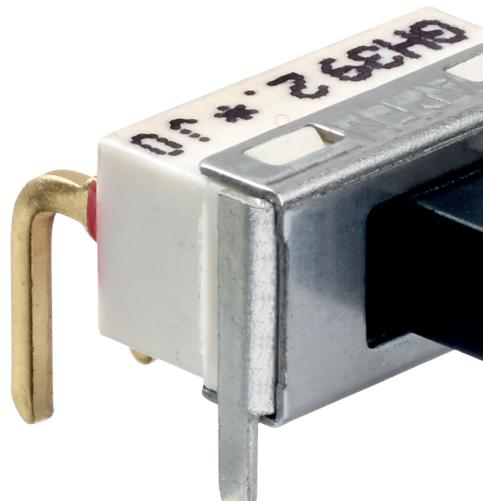
## DISTINCTIVE FEATURES

- 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 : PA, glass filled
- Actuator : PBT, 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.

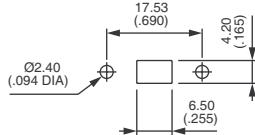
# G series

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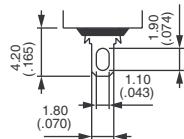


## PANEL CUT-OUT

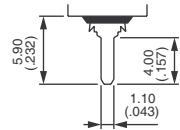
SOLDER LUG MODEL



## TERMINALS



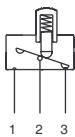
Solder lugs



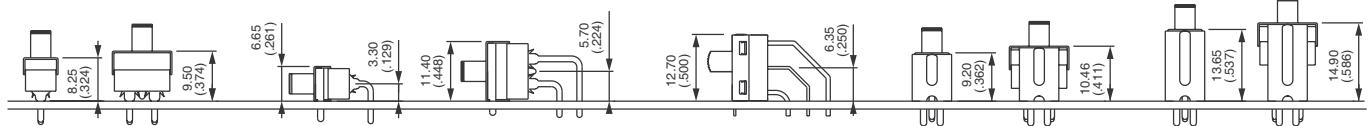
Straight PC



## ELECTRICAL FUNCTIONS



## PCB MOUNTING



**G series**

Slide switches • telecom grade

**BUILD YOUR PART NUMBER**

BASIC PART NUMBER				
G	—	—	—	—
SERIES	ACTUATORS	NUMBER OF POLES	ELECTRICAL FUNCTIONS	TERMINALS
C	3.50 mm (.137)	3	Single pole	S0 Solder lugs
H	5.10 mm (.200) Standard	4	Double pole	P0 Straight PC
L	6.40 mm (.251)			W0 Right angle, horizontal
B	7.65 mm (.301)			WW Right angle, vertical
E	9.10 mm (.358)			Y0 Straight PC with short bracket
N	9.50 mm (.374)			Y4 Straight PC with tall bracket
Types L, B and E for single pole models only.				
OPTIONS				
CONTACT AND TERMINAL MATERIALS	SPECIAL OPTIONS 1	SPECIAL OPTIONS 2		
0 Brass, gold plated	00 Standard model	00 No epoxy seal		
1 Silver	10 Switch without ground plate	01 Epoxy sealed terminals		
2 Silver, gold plated	11 10.35 mm (.407) PC terminals	10 Extended terminals		
5 Special contact, lower rating	12 Same as 11, without ground plate	11 Same as 10, with epoxy seal		

**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.

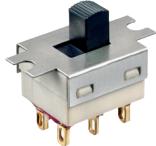


Notice : please note that not all combinations of above numbers are available. Refer to the following pages for further information.

# G series

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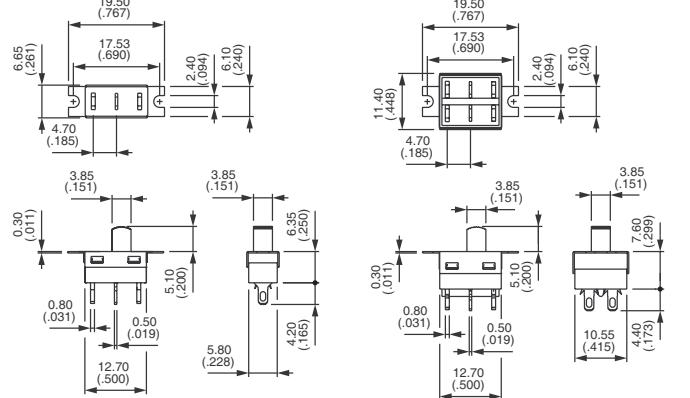
## SOLDER LUG TERMINALS



Single pole   Double pole

GH36S0	GH46S0	ON	-	ON
GH39S0	GH49S0	ON	OFF	ON

Shown with standard actuator (type H)

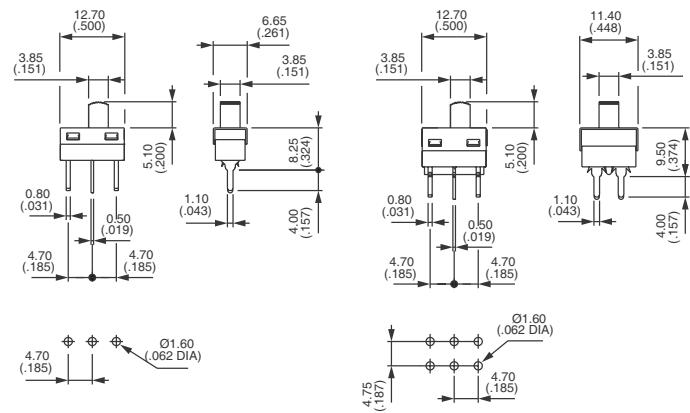


## STRAIGHT PC TERMINALS



Single pole   Double pole

GH36P0	GH46P0	ON	-	ON
GH39P0	GH49P0	ON	OFF	ON

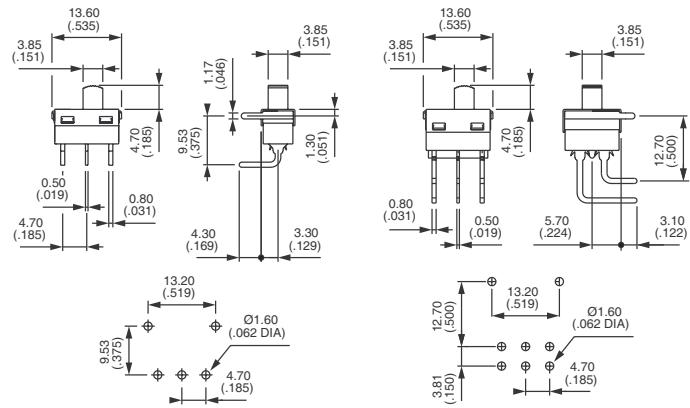


## RIGHT ANGLE TERMINALS - HORIZONTAL



Single pole   Double pole

GH36W0	GH46W0	ON	-	ON
GH39W0	GH49W0	ON	OFF	ON

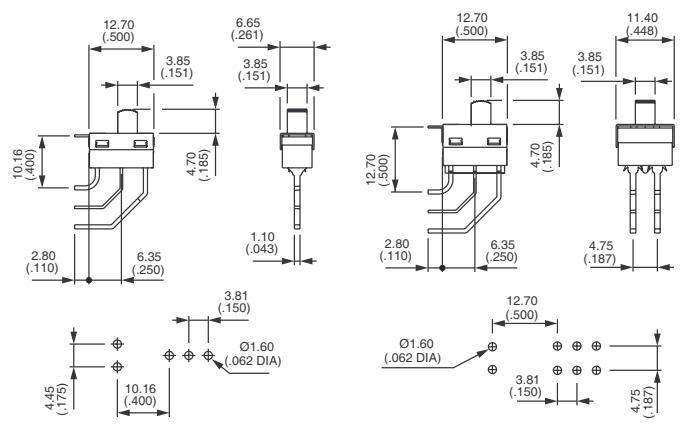


## RIGHT ANGLE TERMINALS - VERTICAL



Single pole   Double pole

GH36WW	GH46WW	ON	-	ON
GH39WW	GH49WW	ON	OFF	ON



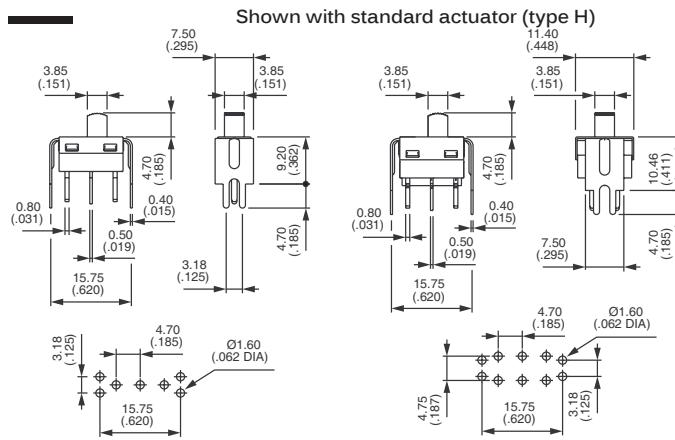
## G series

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STRAIGHT PC TERMINALS  
SHORT BRACKET : Y0

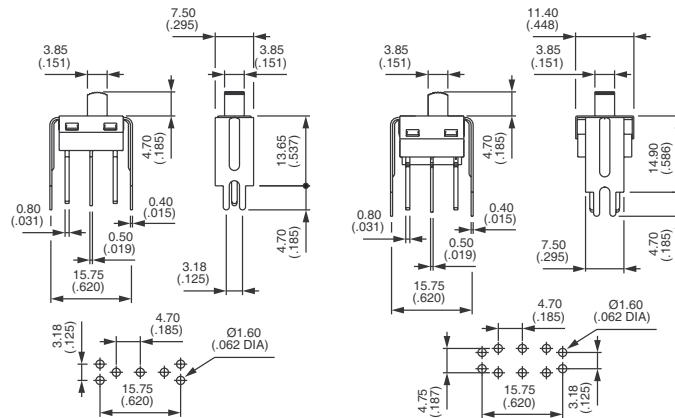
Single pole   Double pole

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



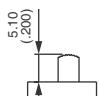
## ACTUATORS

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

# G series

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## CONTACT AND TERMINAL MATERIALS

BASIC P/N



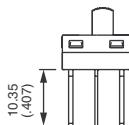
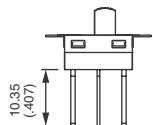
- 0 Brass, gold plated
- 1 Silver
- 2 Silver, gold plated
- 5 Special contact, lower rating, minimum quantity : consult factory

## SPECIAL OPTIONS 1

BASIC P/N



- 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



10

11

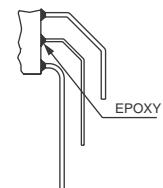
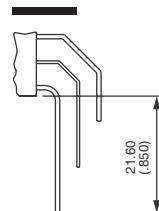
12

## SPECIAL OPTIONS 2

BASIC P/N



- 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



10

11