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.

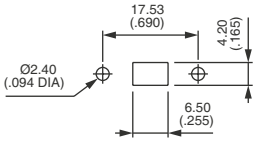
The company reserves the right to change specifications without notice.

G series

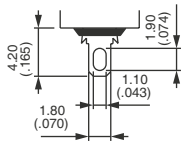
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PANEL CUT-OUT

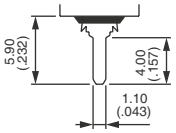
SOLDER LUG MODEL



TERMINALS

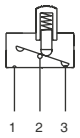


Solder lugs

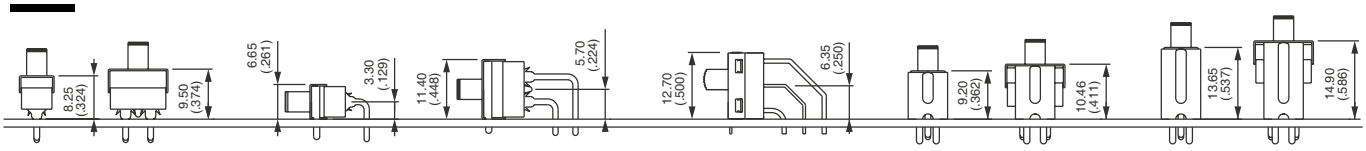


Straight PC

ELECTRICAL FUNCTIONS



PCB MOUNTING



G series

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BUILD YOUR PART NUMBER

BASIC PART NUMBER

G	_	_	_	_
SERIES	ACTUATORS	NUMBER OF POLES	ELECTRICAL FUNCTIONS	TERMINALS

ACTUATORS

C	3.50 mm (.137)
H	5.10 mm (.200) Standard
L	6.40 mm (.251)
B	7.65 mm (.301)
E	9.10 mm (.358)
N	9.50 mm (.374)

Types L, B and E for single pole models only.

NUMBER OF POLES

3	Single pole
4	Double pole

ELECTRICAL FUNCTIONS

6	ON	-	ON
9	ON	OFF	ON

TERMINALS

S0	Solder lugs
P0	Straight PC
W0	Right angle, horizontal
WW	Right angle, vertical
Y0	Straight PC with short bracket
Y4	Straight PC with tall bracket

OPTIONS

_	_	_
CONTACT AND TERMINAL MATERIALS	SPECIAL OPTIONS 1	SPECIAL OPTIONS 2

CONTACT AND TERMINAL MATERIALS

0	Brass, gold plated
1	Silver
2	Silver, gold plated
5	Special contact, lower rating

SPECIAL OPTIONS 1

00	Standard model
10	Switch without ground plate
11	10.35 mm (.407) PC terminals
12	Same as 11, without ground plate

SPECIAL OPTIONS 2

00	No epoxy seal
01	Epoxy sealed terminals
10	Extended terminals
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

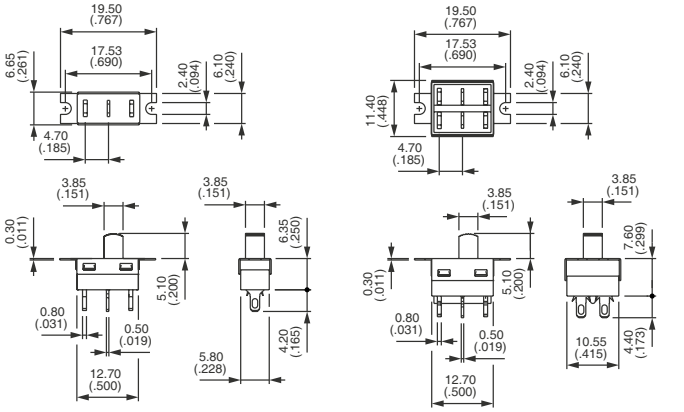
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SOLDER LUG TERMINALS



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

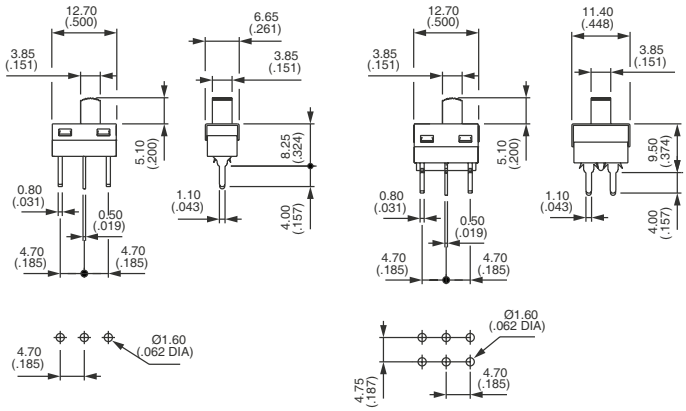
Shown with standard actuator (type H)



STRAIGHT PC TERMINALS



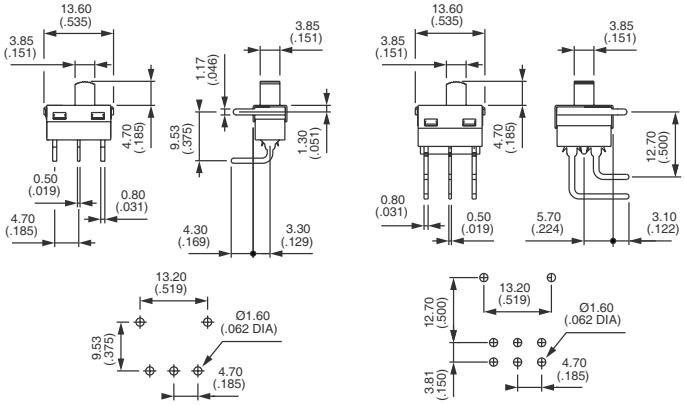
Single pole	Double pole			
GH36P0	GH46P0	ON	-	ON
GH39P0	GH49P0	ON	OFF	ON



RIGHT ANGLE TERMINALS - HORIZONTAL



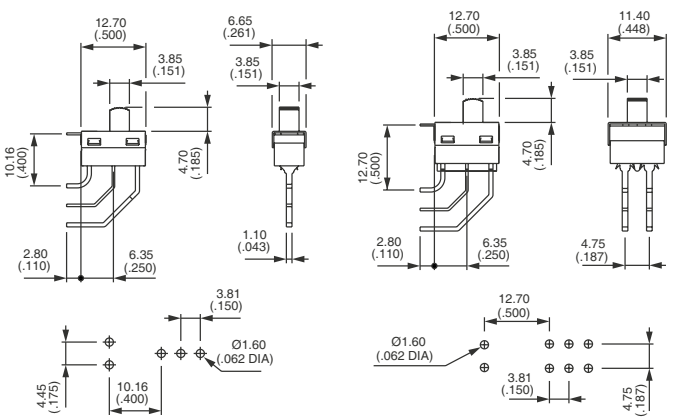
Single pole	Double pole			
GH36W0	GH46W0	ON	-	ON
GH39W0	GH49W0	ON	OFF	ON



RIGHT ANGLE TERMINALS - VERTICAL



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



G series

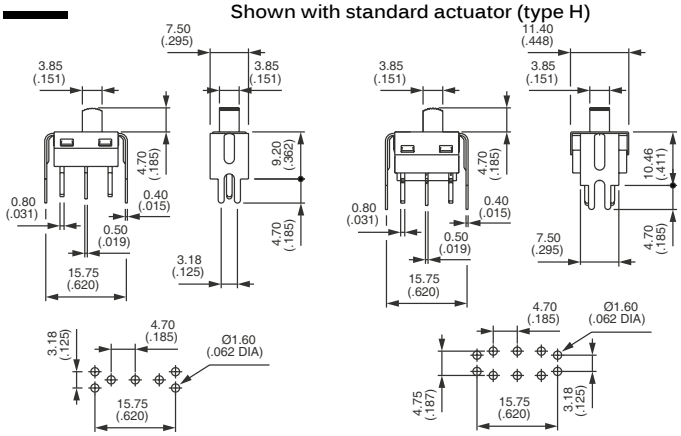
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STRAIGHT PC TERMINALS
SHORT BRACKET : Y0



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

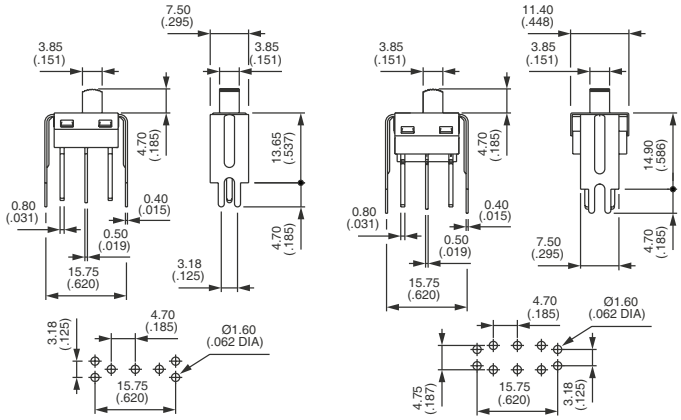
Shown with standard actuator (type H)



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

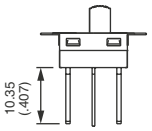
SPECIAL OPTIONS 1

BASIC P/N

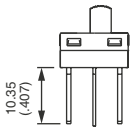
00	Standard switch as presented on previous pages
10	Switch without ground plate For right angle only (W0 and WW models)
11	10.35 mm (.407) long PC terminals
12	10.35 mm (.407) long PC terminals without ground plate



10



11

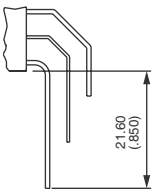


12

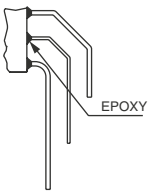
SPECIAL OPTIONS 2

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