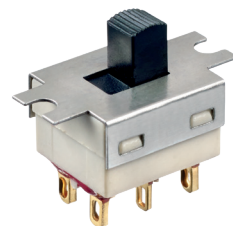


G series

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.

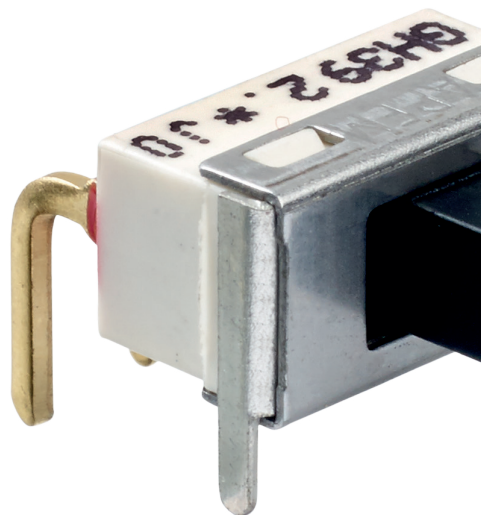


MATERIALS

- Case : PES
- Actuator : 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.



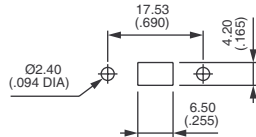
G series

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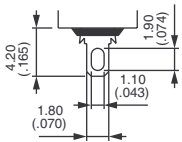


PANEL CUT-OUT

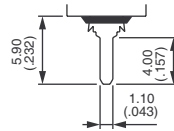
SOLDER LUG MODEL



TERMINALS



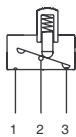
Solder lugs



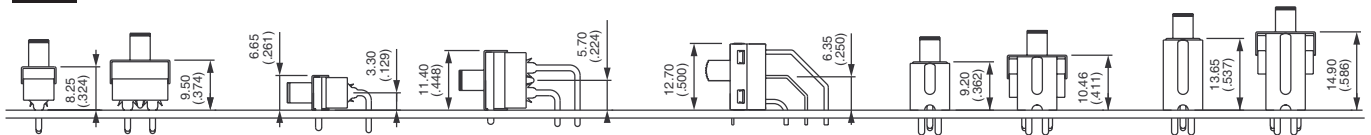
Straight PC



ELECTRICAL FUNCTIONS



PCB MOUNTING





BUILD YOUR PART NUMBER

BASIC PART NUMBER									
G									
SERIES	ACTUATORS	NUMBER OF POLES	ELECTRICAL FUNCTIONS			TERMINALS			
	C 3.50 mm (.137)	3 Single pole	6 ON	-	ON	S0	Solder lugs		
	H 5.10 mm (.200) Standard	4 Double pole	9 ON	OFF	ON	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.

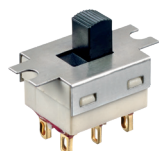


Notice : please note that not all combinations of above numbers are available. Refer to the following pages for further information.

G series

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SOLDER LUG TERMINALS



Single pole Double pole

GH36S0	GH46S0	ON	-	ON
GH39S0	GH49S0	ON	OFF	ON

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

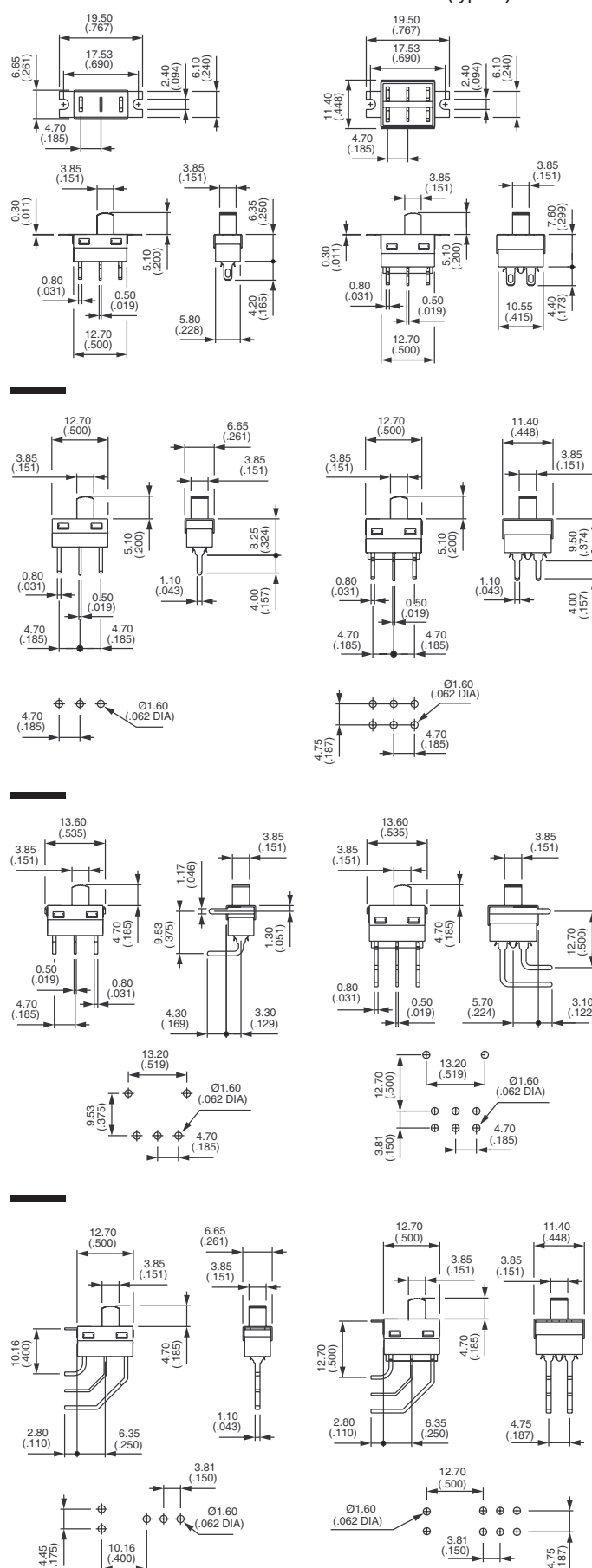
RIGHT ANGLE TERMINALS - VERTICAL



Single pole Double pole

GH36WW	GH46WW	ON	-	ON
GH39WW	GH49WW	ON	OFF	ON

Shown with standard actuator (type H)



STRAIGHT PC TERMINALS SHORT BRACKET : Y0



Single pole Double pole

GH36Y0	GH46Y0
GH39Y0	GH49Y0

ON - ON
ON OFF ON

STRAIGHT PC TERMINALS TALL BRACKET : Y4

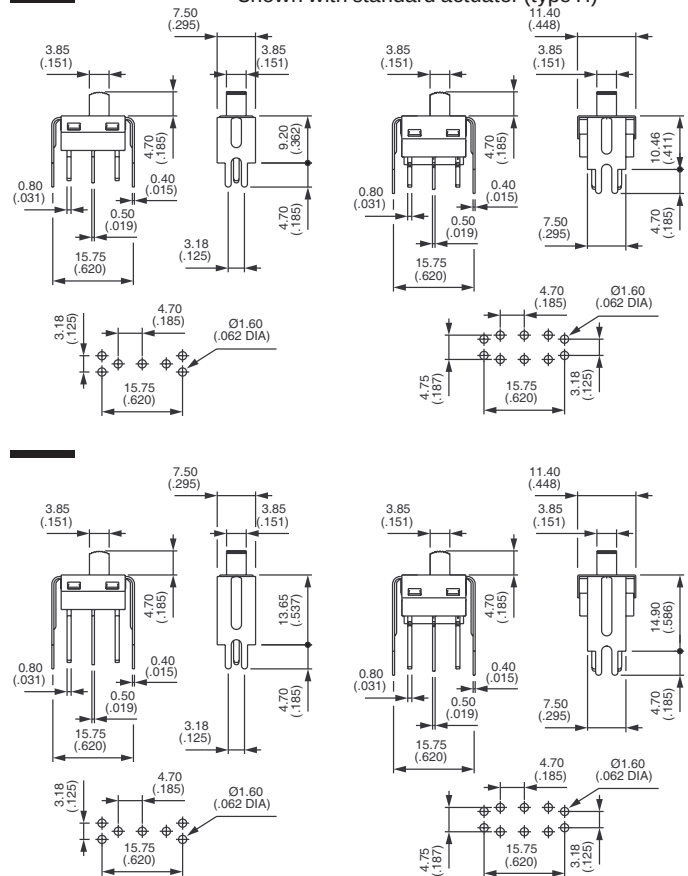


Single pole Double pole

GH36Y4	GH46Y4
GH39Y4	GH49Y4

ON - ON
ON OFF ON

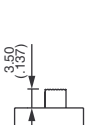
Shown with standard actuator (type H)



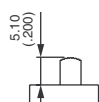
ACTUATORS

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).

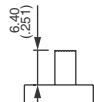


C

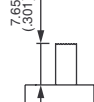


H

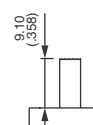
Standard



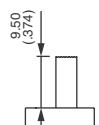
L *



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

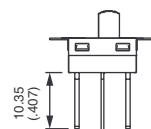
SPECIAL OPTIONS 1

BASIC P/N

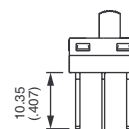
- 00 Standard switch as presented on previous pages
- 10 Switch without ground plate
For right angle only (W0 and WW models)
- 11 10.35 mm (.407) long PC terminals
- 12 10.35 mm (.407) long PC terminals without ground plate



10



11

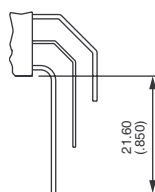


12

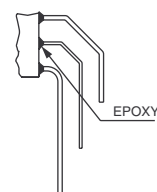
SPECIAL OPTIONS 2

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