

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.



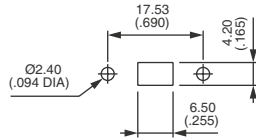
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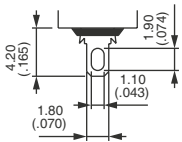


PANEL CUT-OUT

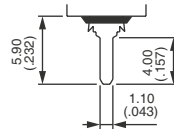
SOLDER LUG MODEL



TERMINALS



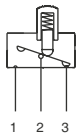
Solder lugs



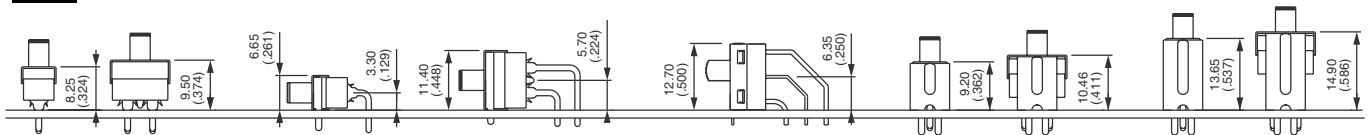
Straight PC



ELECTRICAL FUNCTIONS



PCB MOUNTING





BUILD YOUR PART NUMBER

G

SERIES

ACTUATORS

NUMBER OF POLES

ELECTRICAL FUNCTIONS

TERMINALS

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.

3

Single pole

4

Double pole

6

ON

-

ON

9

ON

OFF

ON

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

0

Brass, gold plated

1

Silver

2

Silver, gold plated

5

Special contact,
lower rating

00

Standard model

10

Switch without
ground plate

11

10.35 mm (.407)
PC terminals

12

Same as 11, without
ground plate

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.

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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

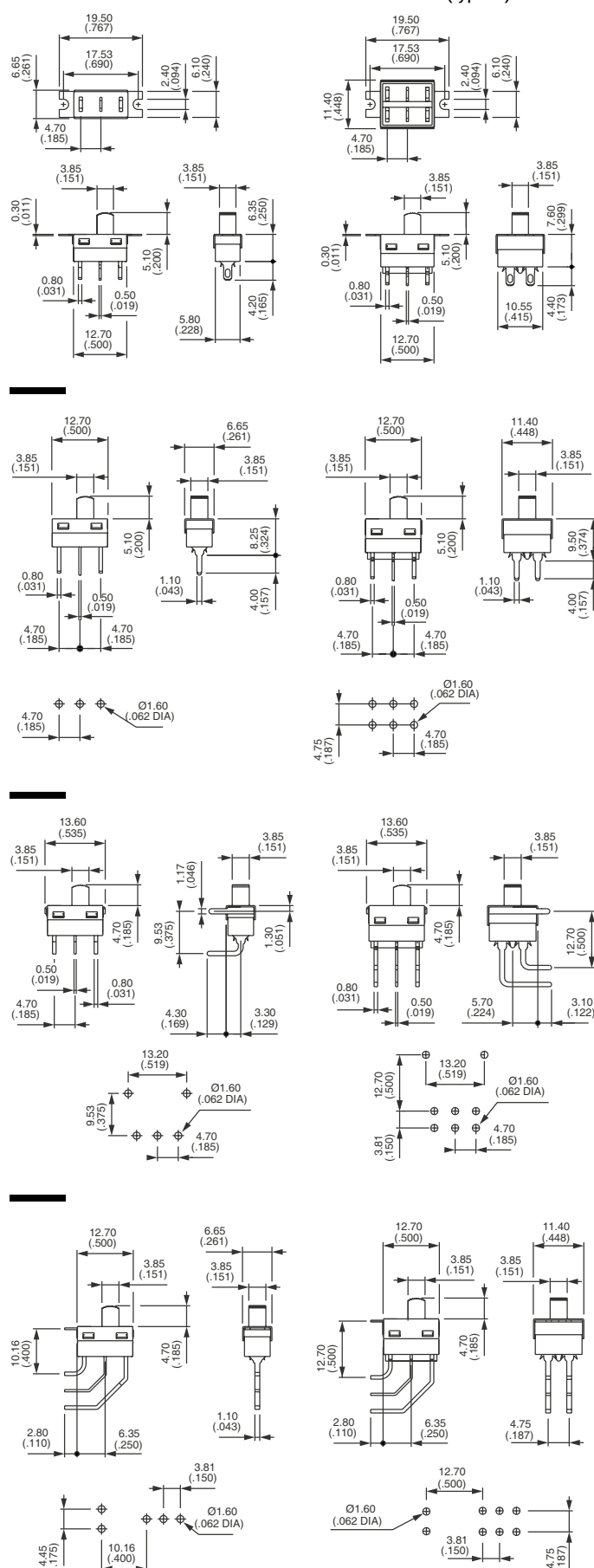
RIGHT ANGLE TERMINALS - VERTICAL



Single pole Double pole

GH36WW	GH46WW	ON	-	ON
GH39WW	GH49WW	ON	OFF	ON

Shown with standard actuator (type H)



GH36Y0	GH46Y0
GH39Y0	GH49Y0

GH36Y4	GH46Y4
GH39Y4	GH49Y4

5

G series

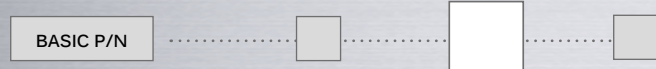
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CONTACT AND TERMINAL MATERIALS

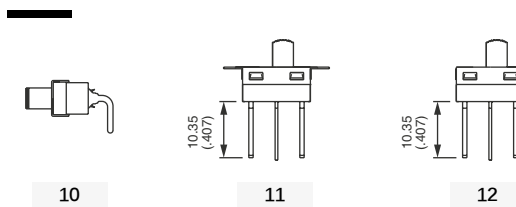


- 0 Brass, gold plated
- 1 Silver
- 2 Silver, gold plated
- 5 Special contact, lower rating, minimum quantity : consult factory

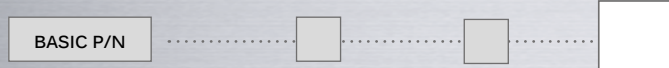
SPECIAL OPTIONS 1



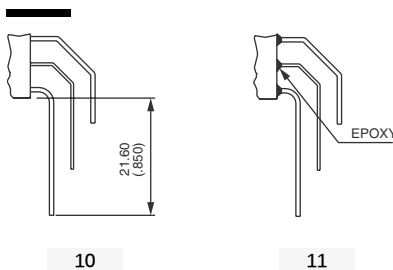
- 00 Standard switch as presented on previous pages
- 10 Switch without ground plate
For right angle only (W0 and WW models)
- 11 10.35 mm (.407) long PC terminals
- 12 10.35 mm (.407) long PC terminals without ground plate



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



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Apem:

[GB36W000001](#) [GC36S010001](#) [GE36P000001](#) [GH46P011201](#) [GH36P000001](#) [GH36P010001](#) [GH36S000001](#)
[GH36S010001](#) [GH36W000001](#) [GH36W010001](#) [GH36WW00001](#) [GH36WW10001](#) [GH36Y010001](#) [GH36Y400001](#)
[GH36Y410001](#) [GH39P000001](#) [GH39P010001](#) [GH39S010001](#) [GH39W000001](#) [GH39WW00001](#) [GH39WW10001](#)
[GH39Y010001](#) [GH39Y400001](#) [GH46P000001](#) [GH46P010001](#) [GH46S010001](#) [GH46W000001](#) [GH46W010001](#)
[GH46WW00001](#) [GH46WW10001](#) [GH49P010001](#) [GH49S010001](#) [GH49WW00001](#) [GN49W000001](#) [GH36P010000](#)
[GH36P000000](#) [GC36WW10001](#) [GH36WW11001](#) [GH46W080000](#) [GH36Y010000](#)