PHAP5-50 series

Tact switches • 12 x 12 mm standard package



DISTINCTIVE FEATURES

Positive tactile feed back
Through hole or SMT
Square or round coloured cap options

ENVIRONMENTAL SPECIFICATIONS

- Operating Temperature: -25 °C to +70 °C (-13 °F to +158 °F)
- Storage Temperature: -30 °C to +80 °C (-22 °F to +176 °F)



ELECTRICAL SPECIFICATIONS

- Contact rating: 50 mA 12 VDC
- Contact Resistance: 100 mΩ max.
- Insulation Resistance: 100 MΩ min. at 500 VDC
- Dielectric Strength: 250 VAC / 1 minute

MECHANICAL SPECIFICATIONS

- Operating force: 160 g ±50 g, 260 g ±50 g
- Mechanical life:
  - 100,000 cycles min. for 260 g
  - 200,000 cycles min. for 160 g
- Travel: 0.35 mm

MATERIALS

- Body: Nylon
- Contact: Silver plated phosphor bronze
- Cover: Stainless Steel
- Terminal: Silver plated brass
- Actuator: Nylon

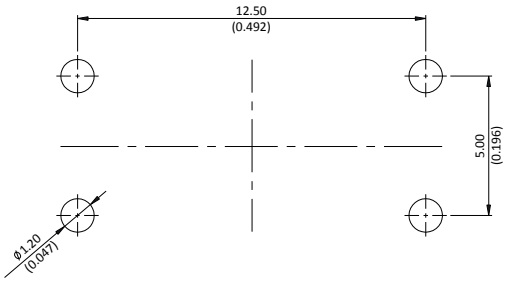
The company reserves the right to change specifications without notice.

PHAP5-50 series

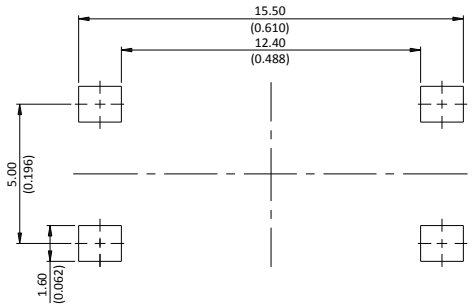
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PCB LAYOUT

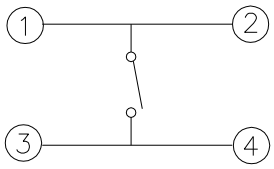
50V THROUGH-HOLE



50V SURFACE MOUNT



CIRCUITS



PACKAGING

	PACKAGING QUANTITY		
PART NUMBER	BAG	TUBE	TAPE AND REEL
PHAP5-50V••T•••	500 pcs	40 pcs	
PHAP5-50V•2A•S••	-	40 pcs	100 pcs
PHAP5-50V•2K•S••		40 pcs	500 pcs
PHAP5-50V•2Q••		40 pcs	400 pcs

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BUILD YOUR PART NUMBER

PHAP5- [ ] [ ] [ ] [ ] [ ] [ ]

SERIES

PACKAGE

50	12 x 12 standard

STYLE

V	Vertical

CONTACT M

A	Standard

HEIGHT/LENGTH (SPECIFIED DIMENSIONS)

2A	4.3 mm
2K	7.30 mm (2.4X2.4)-(3.8X3.8)
2Q	8.5 mm

FORCE

2	160 g
3	260 g

[ ] [ ] [ ] [ ] + [ ]

MOUNTING

T	Through-hole
S	Surface mount

GROUNDING

2	Non ground

WASHABLE

N	No sealing

PACKAGING

2	Bag
3	Tube
4	Tape and reel

See packaging table for availability

CAPS*

U5540	12 mm square cap
U5550	13 mm round cap

* Optional

PHAP5-50 series

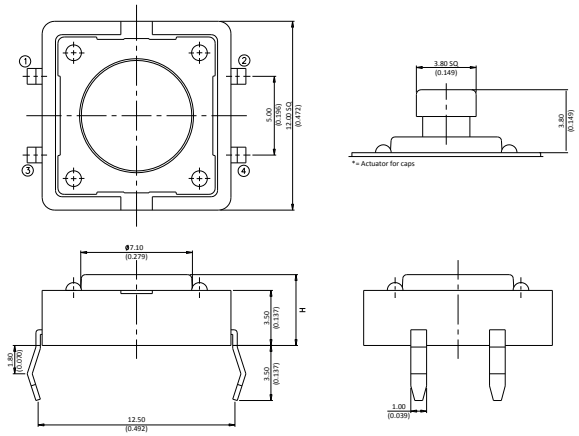
Tact switches • 12 x 12 mm standard package

50V: 12 X 12 MM - VERTICAL - THROUGH-HOLE



	Height H
PHAP5-50VA2A	4.30 (0.169)
PHAP5-50VA2Q	8.50 (0.334)
PHAP5-30VA2K	7.30* (0.287)

*=3.80 (0.149) SQ for caps

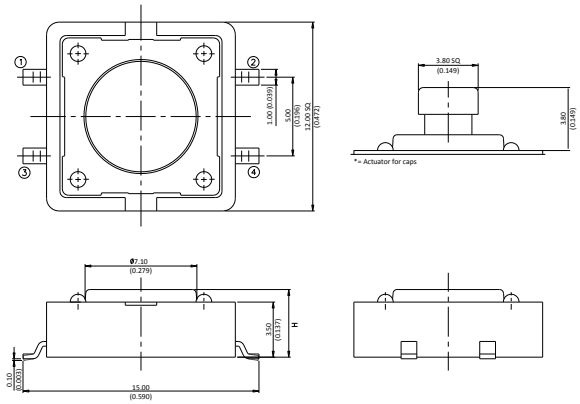


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CAPS

BASIC P/N + ☐

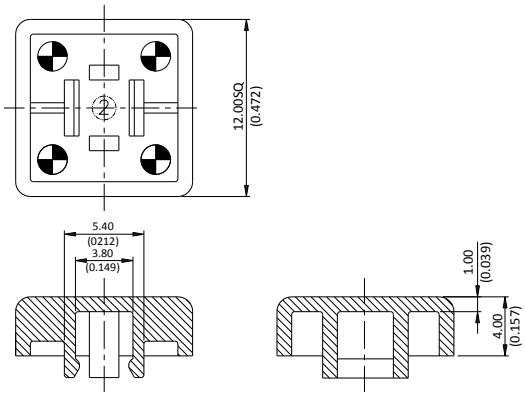
U5540 12 mm square cap
U5550 13 mm round cap

Replace "**0**" by number for cap colors :

1	Blue
2	Black
3	Green
4	Grey
5	Yellow
6	Red
7	Ivory



12 MM SQUARE CAP



13 MM ROUND CAP

