MHPS SERIES KEY SWITCHES

FEATURES

- Double pole - double throw and 4 pole - double throw configurations.
- Momentary (non-locking) and maintained action (locking) models.
- Shorting and non-shorting contacts.
- Audible ('click') and non-audible action models.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

GENERAL SPECIFICATIONS

Contact rating:	100 mA @ 30 VDC
Insulation resistance:	100 megohms minimum at 500 VDC
Dielectric withstanding voltage:	500 VAC for 1 minute
Contact resistance:	100 milliohms maximum
Life:	10,000 cycles minimum
Operating temperature range:	-20°C to +65°C

SOLDERING

Wave soldering:	260°C max. for 5 seconds maximum
Manual soldering:	350°C ± 10°C for 3 seconds maximum
Solvent washing:	Non-washable.

MATERIALS

Case:	PBT (model MHPS2266 only - Type 6/6 nylon)
Cover:	Acetal (model MHPS2266 only - Type 6/6 nylon)
Actuator:	Acetal
Terminals:	Silver plated brass
Shorting Contact:	Silver plated phosphor bronze

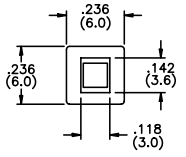
M

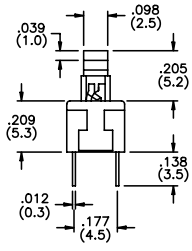
US # MHPS2266

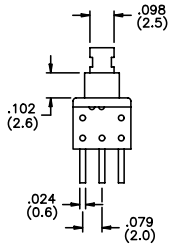
Travel: full- .075" (1.9mm)
to lock- .039" (1mm)
Operating force: 140±50g

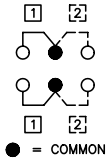
DOUBLE POLE

US Model No.	Action	Contacts	Audible
MHPS2266	maint'd.	non-sht'g.	no
MHPS2266N	mom.	non-sht'g.	no

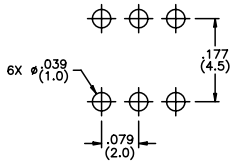








SCHEMATIC



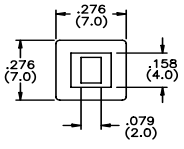
P.C. board layout

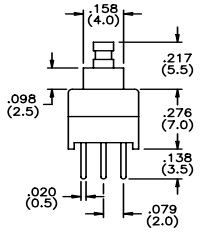
US # MHPS2273
EU # PHAP4673

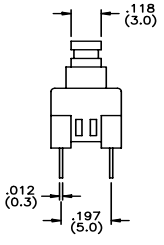
Travel: full- .071" (1.8mm)
to lock- .039" (1mm)
Operating force: 140±50g

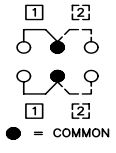
DOUBLE POLE

US Model No.	Action	Contacts	Audible	EU Model No.
MHPS2273	maint'd.	non-sht'g.	no	PHAP4673
MHPS2273N	mom.	non-sht'g.	no	N/A









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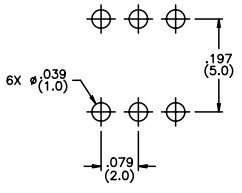


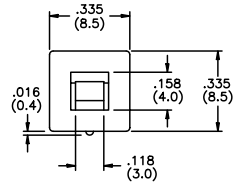
P.C. board layout

APEM, 63 NECK ROAD, HAVERHILL, MA USA 01835-0788 TOLL FREE: (877) 246-7890 FAX: (978) 372-3534 E-mail: info@apem.com

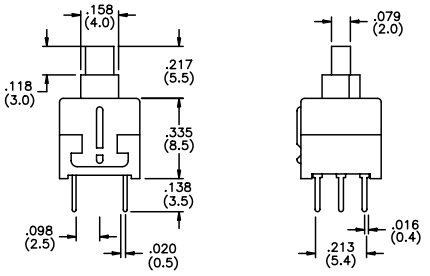
US # MHPS2283
EU # PHAP4683W

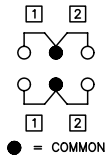
Travel: full- .098" (2.5mm)
to lock- .059" (1.5mm)
Operating force: 180±50g

DOUBLE POLE

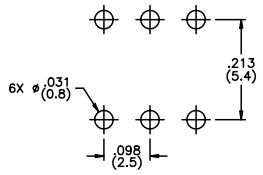


US Model No.	Action	Contacts	Audible	EU Model No.
MHPS2283	maint'd.	non-sht'g.	yes	PHAP4683W
MHPS2283N	mom.	non-sht'g.	no	N/A
MHPS2283V	mom.	non-sht'g.	yes	PHAP4383V





SCHEMATIC

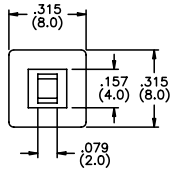


P.C. board layout

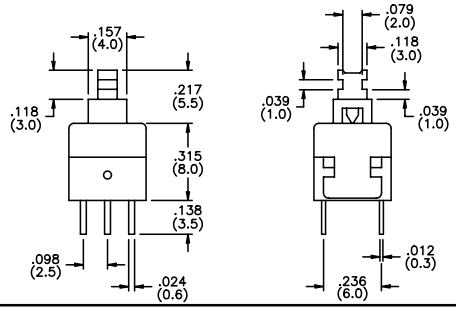
US # MHPS2285

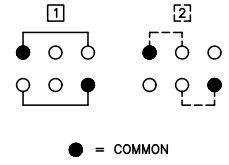
Travel: full- .098" (2.5mm)
to lock- .059" (1.5mm)
Operating force: 180±50g

DOUBLE POLE



Model No.	Action	Contacts	Audible
MHPS2285	maint'd.	non-sht'g.	yes
MHPS2285N	mom.	non-sht'g.	no
MHPS2285V	mom.	non-sht'g.	yes





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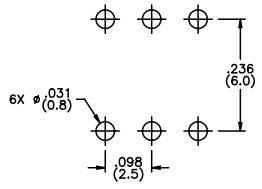
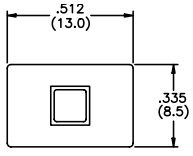


P.C. board layout

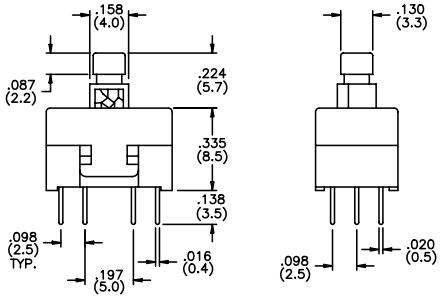
US # MHPS4284

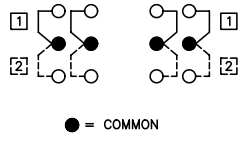
Travel: full- .098" (2.5mm)
to lock- .059" (1.5mm)
Operating force: 180g
+100g, -50g

FOUR POLE



Model No.	Action	Contacts	Audible
MHPS4284	maint'd.	non-sht'g.	no
MHPS4284N	mom.	non-sht'g.	no
MHPS4284V	mom.	non-sht'g.	yes





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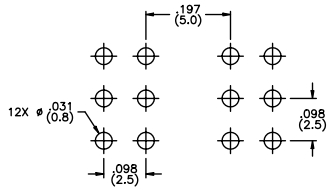
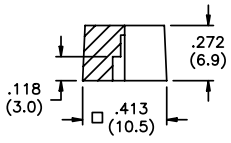
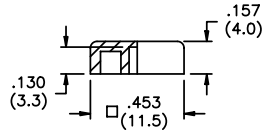


P.C. board layout

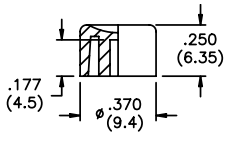
CAPS (fit MHPS2273, MHPS2283 and MHPS2285 models only)



MH1 Square cap



U4520 Square cap



U4530 Round cap

Note - add digit from table to cap part number for color.
Example - **MH12** indicates black cap.

No.	Color
1	blue
2	black
3	green
5	yellow
6	red
7	ivory

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

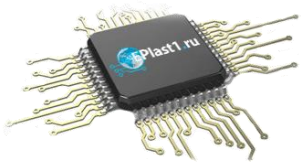
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)
Факс: 8 (812) 320-02-42
Электронная почта: org@eplast1.ru
Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.