

MHPS SERIES KEY SWITCHES

New!

FEATURES

- Double pole - double throw configuration.
- 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

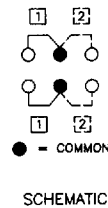
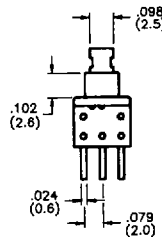
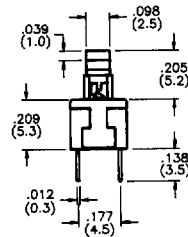
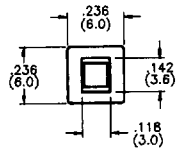
Wave soldering:	260°C max. for 5 seconds maximum
Manual soldering:	350°C ± 10°C for 3 seconds maximum
Solvent washing:	Non-washable.

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

MHPS2266

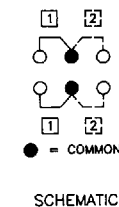
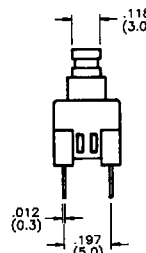
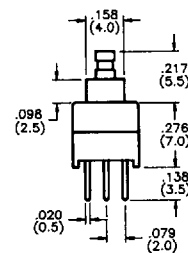
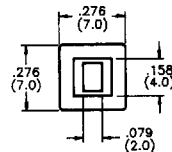
Travel: full- .075" (1.9mm)
to lock- .039" (1mm)
Operating force: 140±50g



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

MHPS2273

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



Model No.	Action	Contacts	Audible
MHPS2273	maint'd.	non-shrt'g.	no
MHPS2273S	maint'd.	shorting	no
MHPS2273N	mom.	non-shrt'g.	no
MHPS2273NS	mom.	shorting	no

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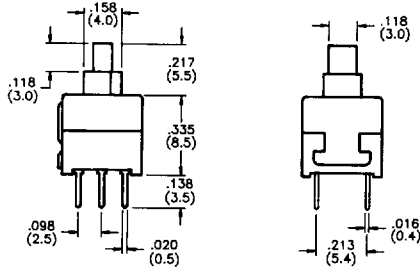
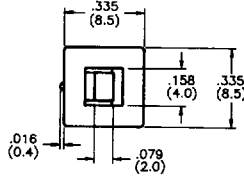
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

MHPS2283

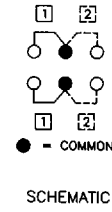
Travel: full- .098" (2.5mm)
to lock- .059" (1.5mm)
Operating force: 180±50g



DOUBLE POLE



Model No.	Action	Contacts	Audible
MHPS2283	maint'd.	non-sh't'g.	yes
MHPS2283N	mom.	non-sh't'g.	no
MHPS2283S	maint'd.	shorting	yes



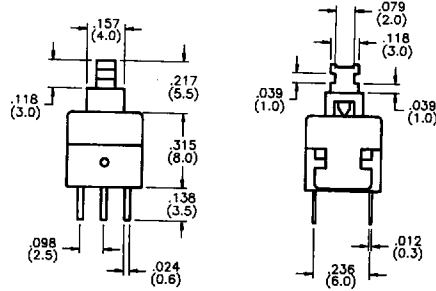
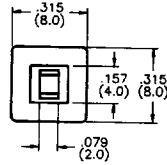
SCHEMATIC

MHPS2285

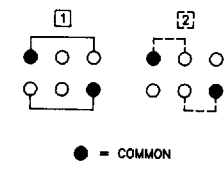
Travel: full- .098" (2.5mm)
to lock- .059" (1.5mm)
Operating force: 180±50g



DOUBLE POLE



Model No.	Action	Contacts	Audible
MHPS2285	maint'd.	non-sh't'g.	yes
MHPS2285N	mom.	non-sh't'g.	no
MHPS2285V	mom.	non-sh't'g.	yes



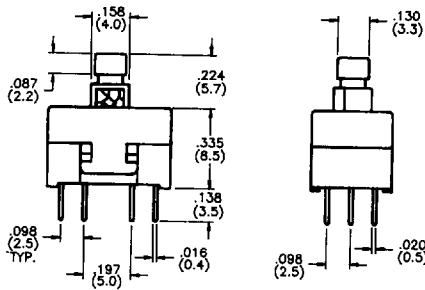
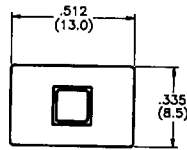
SCHEMATIC

MHPS4284

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

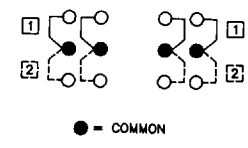


FOUR POLE



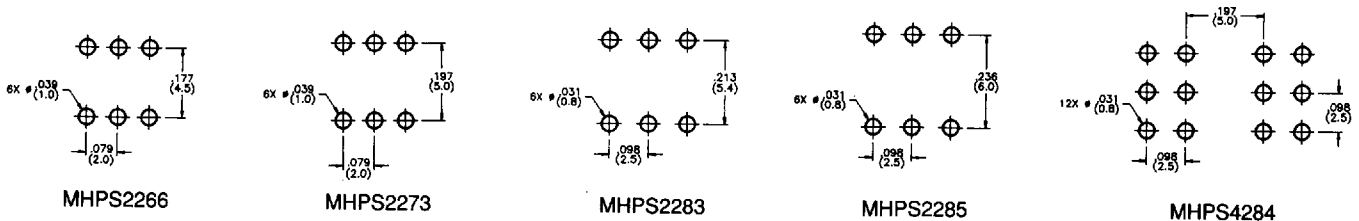
Model No.	Action	Contacts	Audible
MHPS4284	maint'd.	non-sh't'g.	no
MHPS4284N	mom.	non-sh't'g.	no
MHPS4284S	maint'd.	shorting	no

Caps available - consult factory.



SCHEMATIC

PRINTED CIRCUIT BOARD LAYOUTS



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