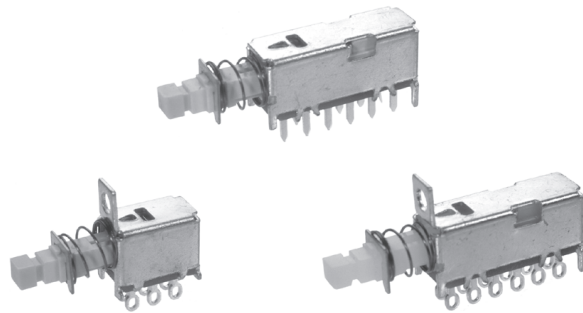


MD SERIES - PUSHBUTTON SWITCHES

FEATURES

- Momentary or maintained actions.
- 1, 2 & 4 pole 2 throw models.
- Printed circuit & panel mounting models.
- Self-cleaning bifurcated contacts.



SPECIFICATIONS

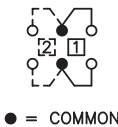
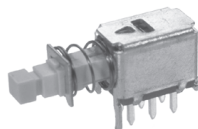
Contact ratings (resistive loads):	200 mA at 30 VDC
Initial contact resistance:	20 milliohms maximum
Insulation resistance:	100 megohms minimum at 500 VDC
Dielectric strength:	Type 5: 500 VAC for 1 minute. Type 8: 250 VAC for 1 minute.
Electrical life:	10,000 cycles minimum
Operating temperature range:	-20°C to +85°C
Operating force:	Type 5: 300g ± 150g Type 8: 330g ± 150g

MATERIALS

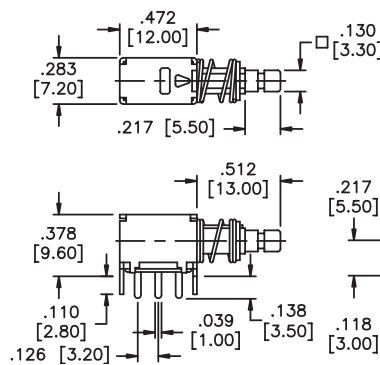
Terminals:	Silver plated brass
Actuator:	Polyacetal
Frame:	Steel with tin plating
Base:	Phenolic laminated sheet
Sliding contact:	Silver plated phosphor bronze

MDPS522PN (MOMENTARY)
MDPA522PN (MAINTAINED)

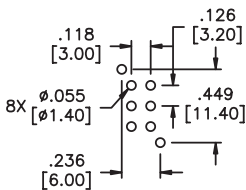
2P2T P.C. MOUNTING



SCHEMATIC



MECHANICAL OUTLINE

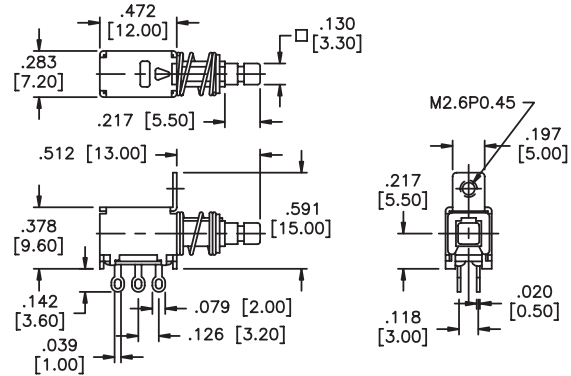
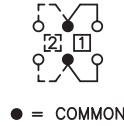
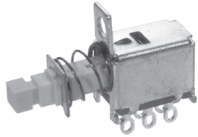


P.C. BOARD LAYOUT

MD SERIES - PUSHBUTTON SWITCHES

MDPS522WN (MOMENTARY)
MDPA522WN (MAINTAINED)

2P2T PANEL MOUNTING

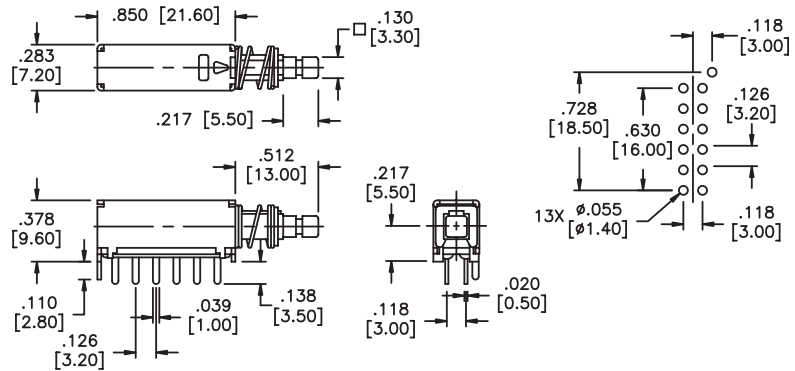
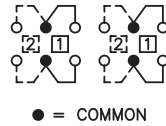
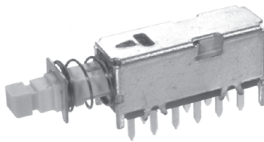


SCHEMATIC

MECHANICAL OUTLINE

MDPS542PN (MOMENTARY)
MDPA542PN (MAINTAINED)

4P2T P.C. MOUNTING



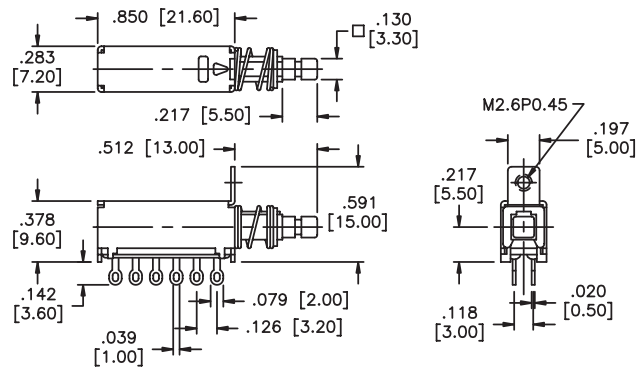
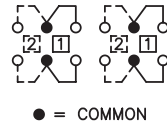
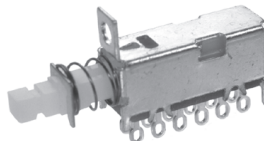
SCHEMATIC

MECHANICAL OUTLINE

P.C. BOARD LAYOUT

MDPS542WN (MOMENTARY)
MDPA542WN (MAINTAINED)

4P2T PANEL MOUNTING

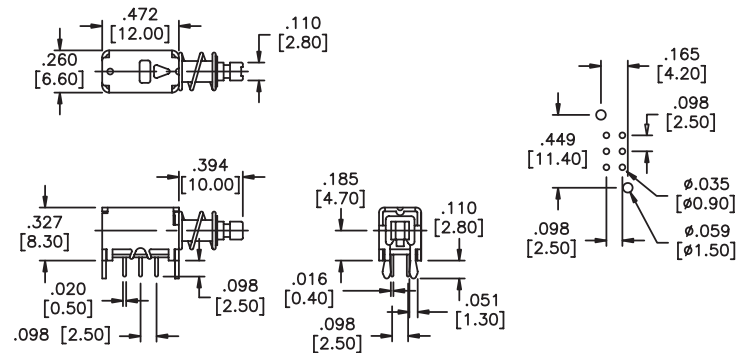
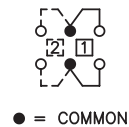
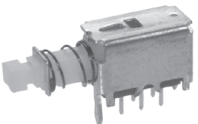


SCHEMATIC

MECHANICAL OUTLINE

MDPS822PN (MOMENTARY)
MDPA822PN (MAINTAINED)

2P2T P.C. MOUNTING



SCHEMATIC

MECHANICAL OUTLINE

P.C. BOARD LAYOUT

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

MD SERIES - PUSHBUTTON SWITCHES

Additional ordering information: Commonly ordered models are shown above with complete model numbers and specifications. Below is an order format that enables you to 'build your own switch' and specify the correct switch model number by simply selecting from all available options shown and filling in the boxes.

'BUILD YOUR OWN SWITCH' ORDER FORMAT

Fill in boxes with selections shown for complete model number.
(Allowable options are shown under each respective box).

TYPE 5:

Series	Action	Type	No. of Poles	Throws	Terminals	Contacts
M D		5		2		N
	P S Momentary P A Maintained		2 2 pole 4 4 pole		P p.c. W solder lug	Non-shorting *

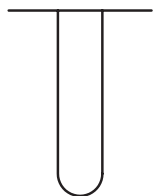
*Shorting available-consult factory.

TYPE 8:

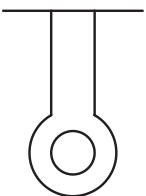
Series	Action	Type	No. of Poles	Throws	Terminals	Contacts
M D		8		2	P	N
	P S Momentary P A Maintained		1 1 pole 2 2 pole		Printed circuit	Non-shorting *

Example of completely specified model number: **MDPS542WN**

TERMINAL CONFIGURATIONS

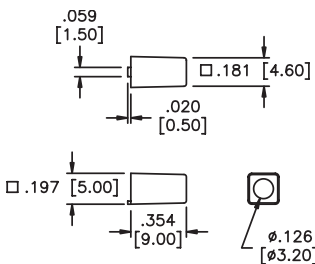


PRINTED CIRCUIT



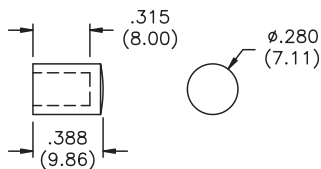
SOLDER LUG

COLOR KNOBS FOR TYPE 8 MODELS

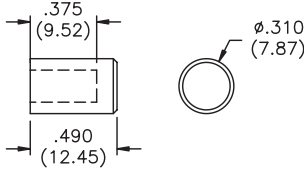


MODEL NO.	COLOR
C152	Black
C154	Gray
C156	Red

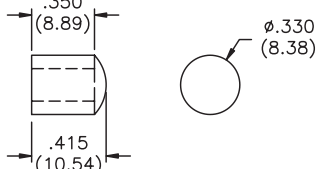
New! SNAP FIT CAPS FOR TYPE 5 MODELS (order separately)



C7 Natural aluminum
C7A Black aluminum



C80 Thermoplastic
Replace 0 in above model numbers with color code from chart



Color	Code
1	Blue
2	Black
3	Green
5	Yellow
6	Red
8	White