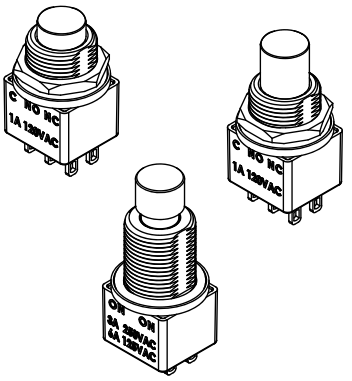


NEW !

IP68 Protection

SPECIFICATIONS:

CONTACT RATING: Refer to "Contact Material Options" for more info.
ELECTRICAL LIFE: Min. 50,000 make-and-break cycles at full load.
CONTACT RESISTANCE: 10m-ohms max. initial @2-4VDC
100mA for both silver and gold plated contacts.
INSULATION RESISTANCE: 1,000M-ohms min.
DIELECTRIC STRENGTH: 1,500VAC for 1 minute.
OPERATING TEMPERATURE: -30°C to +85°C.

MATERIALS:

CASE: Diallyl phthalate(DAP)(UL 94V-0).
PLUNGER: Brass, black finish with o-ring sealed.
BUSHING: Brass, black finish with o-ring sealed.
EXTERNAL SHELL: FR52 (UL 94V-0).
TERMINAL SEAL: Epoxy.

If your preferred product configuration is not shown, please contact our sales representative for custom design.

HOW TO ORDER SYSTEM

700H [ ] [ ] [ ] [ ] [ ] E

Switch Function
SP-1 On-None-On
DP-1 On-None-On

Plunger
PJ 8.25 (.325") long

Bushing
BJ 14.05 (.553") high, flat, 15/32 threaded

Termination
M1 Solder lug
M2 PC thru-hole
M5-1 Wire wrap, 18.05 (.711") long
M5-2 Wire wrap, 23.48 (.924") long
M5-3 Wire wrap, 9.80 (.386") long

Contact Material
Q Silver
R Gold
G Silver (gold over silver term.)

700H [ ] [ ] [ ] [ ] [ ] E

Switch Function
SP-7 On-Mom.
DP-7 On-Mom.

Plunger
PA 4.00 (.157") long
PB 9.00 (.354") long
PJ 8.25 (.325") long

Bushing
BL 7.50 (.295) high, flat, 15/32 threaded

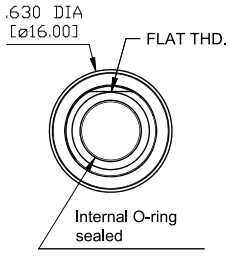
Termination
M1 Solder lug
M2 PC thru-hole
M5-1 Wire wrap, 18.05 (.711") long
M5-2 Wire wrap, 23.48 (.924") long
M5-3 Wire wrap, 9.80 (.386") long

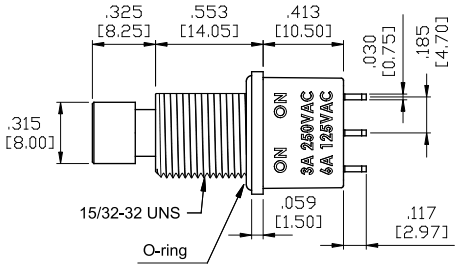
Contact Material
Q Silver
R Gold
G Silver (gold over silver term.)

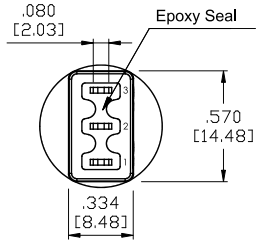
SPDT

Model No.	Switching Position		
SP-1	ON	NONE	ON
Term. Comm.	2-3	OPEN	2-1

Schematic



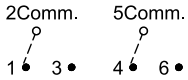


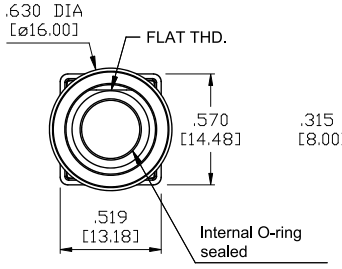


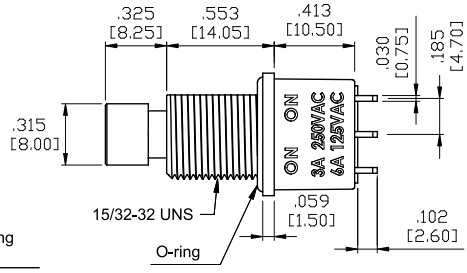
DPDT

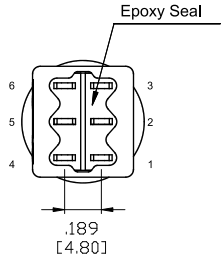
Model No.	Switching Position		
DP-1	ON	NONE	ON
Term. Comm.	2-3,5-6	OPEN	2-1,5-4

Schematic







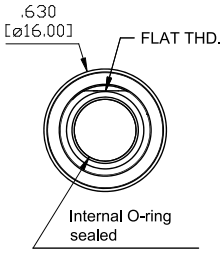


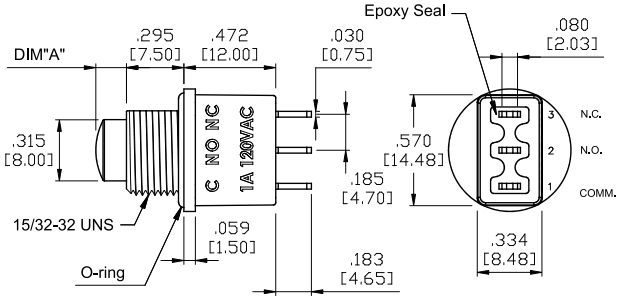
SPDT

Model No.	Switching Position	
SP-7	ON	MOM
Term. Comm.	1-3	1-2

Schematic

OPTION CODE	DIM. "A"
PA	.157 [4.00]
PB	.354 [9.00]



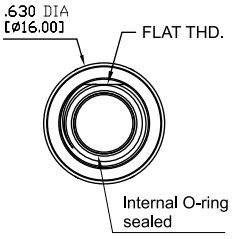


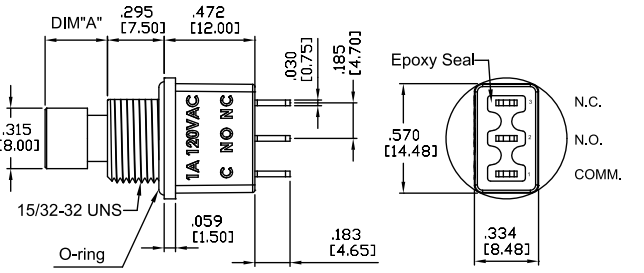
SPDT

Model No.	Switching Position	
SP-7	ON	MOM
Term. Comm.	1-3	1-2

Schematic

OPTION CODE	DIM. "A"
PJ	.325 [8.25]

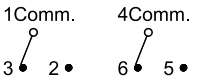




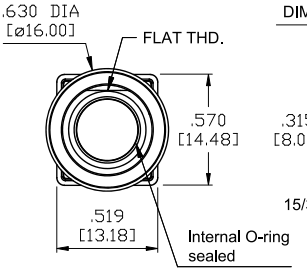
DPDT

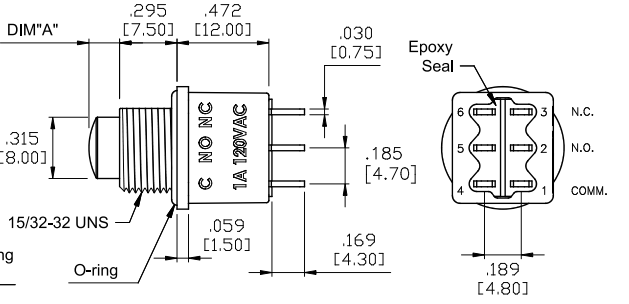
Model No.	Switching Position	
DP-7	ON	MOM
Term. Comm.	1-3,4-6	1-2,4-5

Schematic



OPTION CODE	DIM. "A"
PA	.157 [4.00]
PB	.354 [9.00]

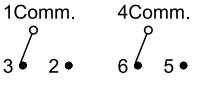




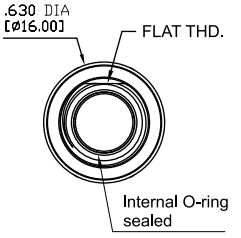
DPDT

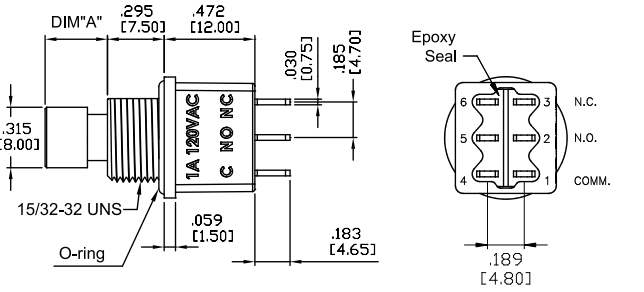
Model No.	Switching Position	
DP-7	ON	MOM
Term. Comm.	1-3,4-6	1-2,4-5

Schematic



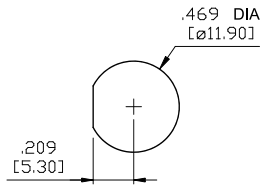
OPTION CODE	DIM. "A"
PJ	.325 [8.25]





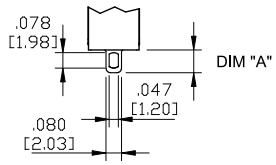
PANEL MOUNTING

15/32-32 UNS FLAT-CUT THD. BUSHING



TERMINATION OPTIONS

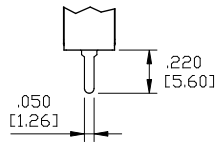
M1 STD. SOLDER LUG



THK .030 [0.75]

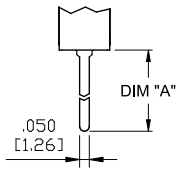
MODEL	DIM "A"
DP-1	.116 [2.95]
DP-7	.183 [4.65]

M2 PC THRU-HOLE



THK .030 [0.75]

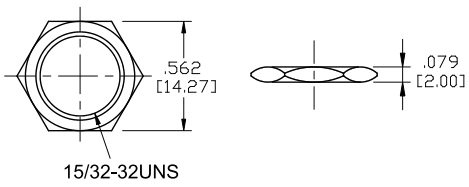
M5 WIRE WRAP



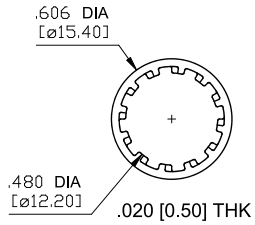
THK .030 [0.75]

OPTION CODE	DIM "A"
M5-1	.711 [18.05]
M5-2	.924 [23.48]
M5-3	.386 [9.80]

NUT



LOCK WASHER



CONTACT MATERIAL OPTIONS

Coding	Contact Material	Terminal Plating	Rating	Agency Approvals
Q	Silver [1]	Silver plated [1]	(DP-1) 6Amps @ 125VAC or 28VDC 3Amps @ 250VAC (DP-7) 1Amps @ 120VAC or 38VDC	c UL us IP68
R	Gold [2]	Gold plated [4]	0.4VA max @ 20V max (AC or DC)	
G	Silver [1]	Gold over silver [3]	(DP-1) 6Amps @ 125VAC or 28VDC 3Amps @ 250VAC (DP-7) 1Amps @ 120VAC or 38VDC	c UL us IP68

1. Movable Contact / Terminals: Copper alloy, silver plated.
2. Movable Contact: Copper alloy with gold plated over nickel plated.
3. Terminals: Silver plated with outer layer in gold plating.
4. Terminals: Copper alloy, with gold plated over nickel plated.