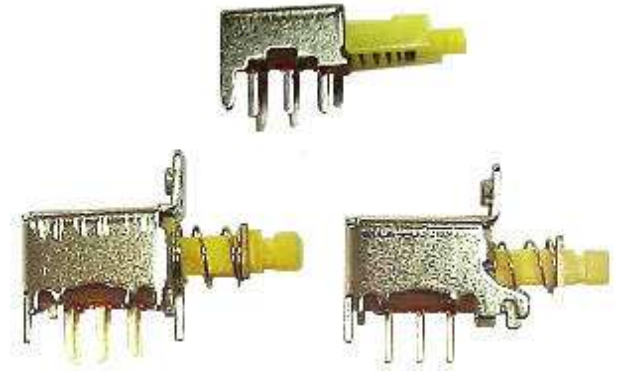


SPN Push Button Switch

Specifications

Rating	0.2/30VDC
Electrical Life:	20,000 cycles min.
Operating Temp:	-10° C ~ +60° C
Travel to Lock:	2.5mm
Total Travel:	3.5mm
Contact Resistance:	50mΩ max. initial
Insulation Resistance:	100 MΩ min.
Dielectric Strength:	500VAC for 60 +/- 5 sec
Contacts:	Silver plated clips
Function:	Momentary/Latching
Operating Force:	300 +/- 130gf
Soldering Method:	260° C max for 5 seconds
Solvent washing:	Non-washable
Buttons:	BC, BF, MF series



Ordering qty: 200pcs

Standard Pins

SPN-25 models		SPN-32 models	
PCB Pins	Solder Lugs	PCB Pins	Solder Lugs

Standard Models & Dimensions

SPN-25--B

Technical drawing of the SPN-25-B push button switch showing three views: top, side, and front. Dimensions are provided in millimeters.

Top View Dimensions:

- Overall width: 12.8
- Distance from left edge to center of actuator: 9.4
- Actuator width: 2.8
- Actuator height: 2.8

Side View Dimensions:

- Overall height: 8.2
- Distance from top edge to center of actuator: 5.0
- Actuator height: 2.0
- Distance from bottom edge to center of actuator: 4.6

Front View Dimensions:

- Overall width: 6.65
- Distance from left edge to center of actuator: 2.5
- Distance from right edge to center of actuator: 2.5
- Actuator width: 2.8
- Actuator height: 3.5
- Distance from top edge to center of actuator: 0.35
- Distance from bottom edge to center of actuator: 4.2
- Mounting hole diameter: M2.0

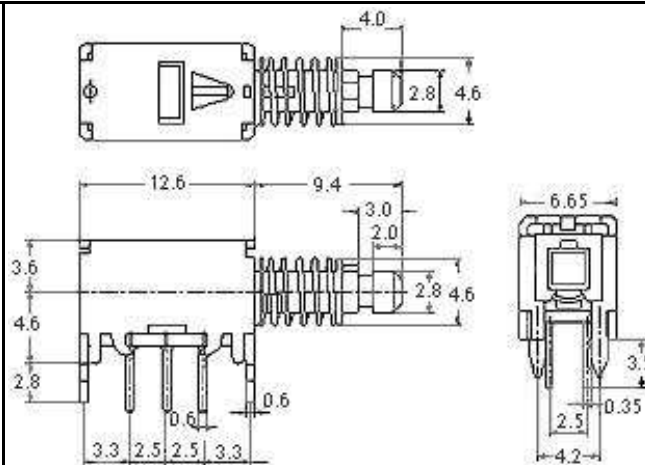
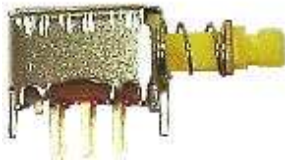
PCB Pins

Model No.	Function
SPN-25S-BH-0001	Latching
SPN-25N-BH-0019	Momentary

Solder Lugs

Model No.	Function
SPN-25S-BG-0002	Latching
SPN-25N-BG-0016	Momentary

SPN-25--E



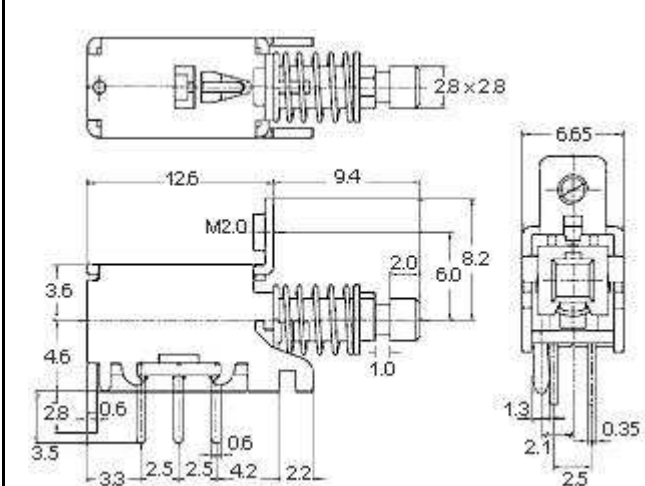
PCB Pins

Model No.	Function
SPN-25S-EH-0003	Latching
SPN-25N-EH-0005	Momentary

Solder Lugs

Model No.	Function
SPN-25S-EG-0017	Latching
SPN-25N-EG-0018	Momentary

SPN-25--H



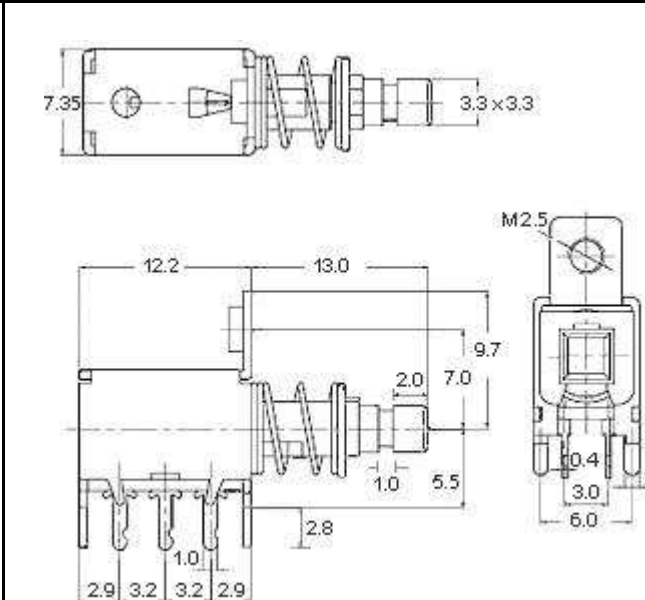
PCB Pins

Model No.	Function
SPN-25S-HH-0008	Latching
SPN-25N-HH-0006	Momentary

Solder Lugs

Model No.	Function
SPN-25S-HG-0004	Latching
SPN-25N-HG-0013	Momentary

SPN-32--B



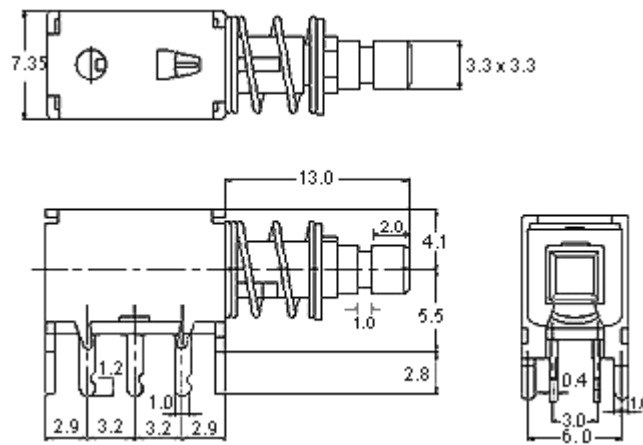
PCB Pins

Model No.	Function
SPN-32S-BH-0001	Latching
SPN-32N-BH-0008	Momentary

Solder Lugs

Model No.	Function
SPN-32S-BG-0002	Latching
SPN-32N-BG-0025	Momentary

SPN-32--E



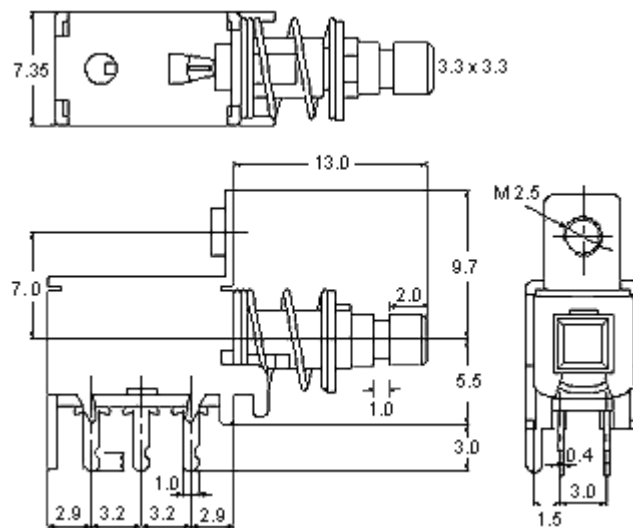
PCB Pins

Model No.	Function
SPN-32S-EH-0003	Latching
SPN-32N-EH-0009	Momentary

Solder Lugs

Model No.	Function
SPN-32S-EG-0032	Latching
SPN-32N-EG-0033	Momentary

SPN-32--H



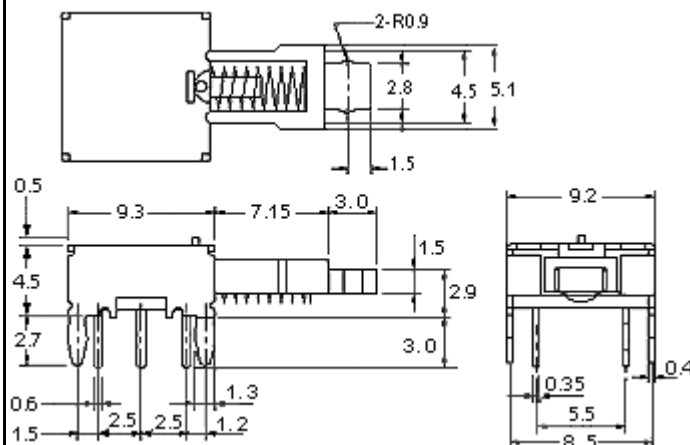
PCB Pins

Model No.	Function
SPN-32S-HH-0005	Latching
SPN-32N-HH-0011	Momentary

Solder Lugs

Model No.	Function
SPN-32S-HG-0007	Latching
SPN-32N-HG-0004	Momentary

SPN-25--TT



PCB Pins

Model No.	Function
SPN-25S-TT-0004	Latching
SPN-25N-HH-0003	Momentary

Note:

(Travel to lock: 1.5mm)
(Total travel: 3.0mm)
(OF: 250 +/- 100gf)