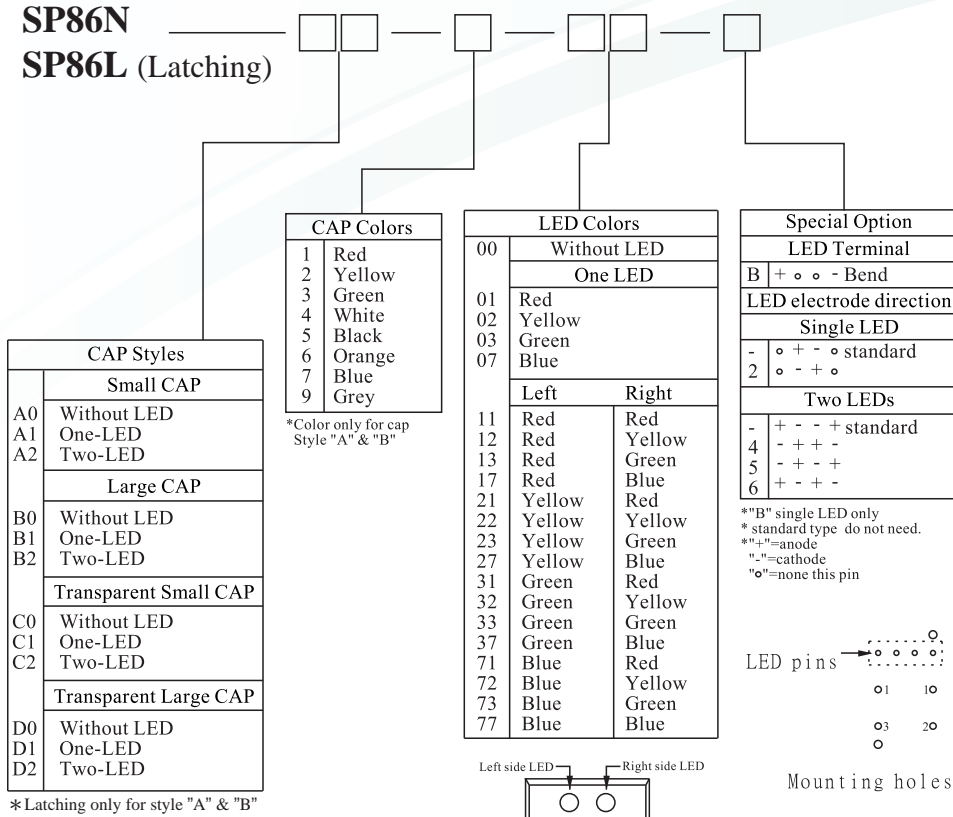


SP86N

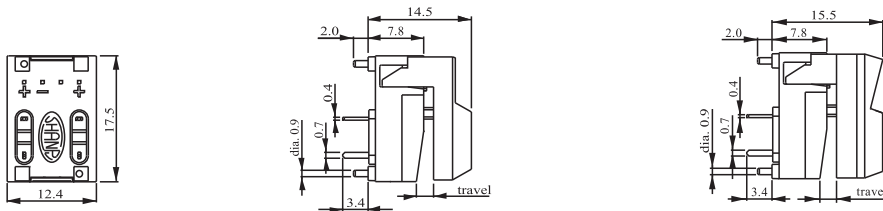
HOW TO ORDER

SP86N
SP86L (Latching)



EXAMPLE : SP86N-B1-1-01
SP86N pushbutton switch large red cap single red LED.

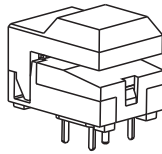
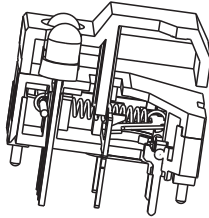
DIMENSION



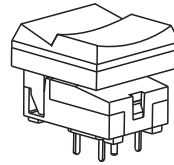
General Specifications	
Circuit	:SPDT
Current Rating	:12 mA.
Voltage Rating	:24 V DC
Contact Resistance	:50 m Ohm Max(initial)
Insulation Resistance	:100 M Ohm Min
Operating Force	:170 gf+50 gf
Total Travel	:2.5 mm +0.5 mm
Operating Life	:1,000,000 Cycles Min.
Solder Specifications	:260 deg for 3 seconds
Operating Temperature	:-10 deg~+60 deg
Function	:Momentary
LED Rating	:See the table below

Material	
Cap	:Acrylonitrile Butadiene Styrene (ABS)
Case	:Polyamide (PA)
Fixed Support	:Stainless steel wire
Terminal	:Phosphor bronze (PBS) with gold plating
Moving Contact	:Phosphor bronze (PBS) with gold plating
Spring	:Piano wire
LED	:3mm Diameter LED Lamp

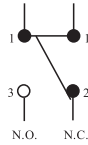




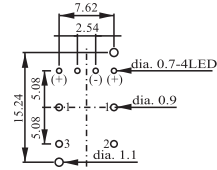
A & B cap type dimension



C & D cap type dimension



(SPDT)
Contact Configuration
SP86N Type



P.C.B. Mounting Holes

Dimension unit in mm

LED CHARACTERISTICS

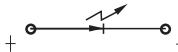
The electrical specifications shown are determined at a basic temperature of 25 C. If the source voltage exceeds the rated voltage of LED, a ballast resistor must be connected in series with the LED.

LED Characteristics

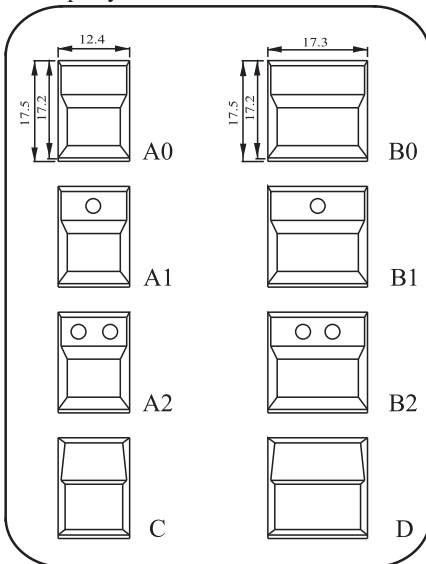
Parameter	Symbol(Unit)	Red	Yellow	Green	Blue
Forward Voltage	V_f (V)	2.0	2.1	2.2	3.5
Forward Current	I_f (mA)	20	20	20	20
Permissible loss	P_D (mW)	80	80	80	120
Luminous Intensity	I_v (mcd)	60	50	60	600
Peak Wave Length	λ_p (nm)	635	585	568	470
Reverse Voltage	V_R (V)	5			
Reverse Current) $V_R=5V$	(μA)	100			
Soldering Temperature	(degree)	260 for 5 Seconds			



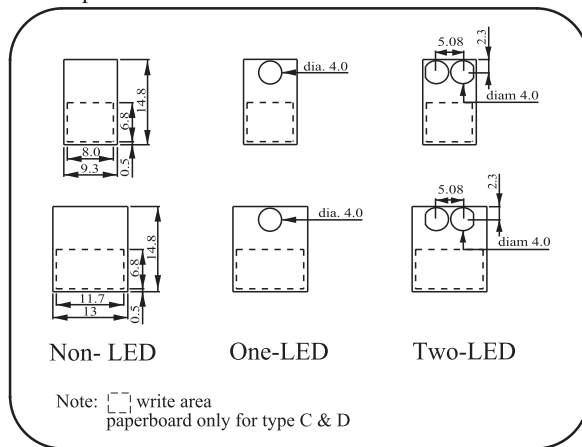
Attention: LED are electrostatic sensitive devices



Cap Style



Paperboard



Note: write area
paperboard only for type C & D

Dimension unit in mm