



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

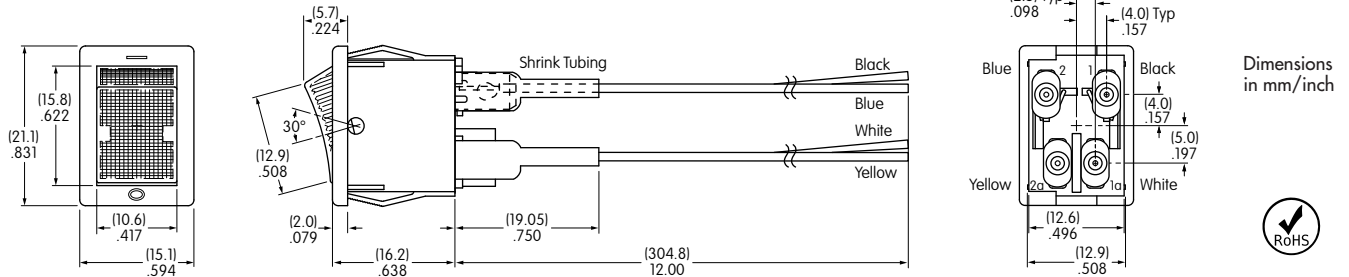
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## CWSB21FAFF-WL



### DOUBLE POLE WITH SOLDER LUG

Base Switch	Pole	Rocker Position			Connected Terminals			Throw & Switch/Lamp Schematic
		Down	Center	Up	Down	Center	Up	
CWSB21FAFF	DP	ON	NONE	OFF	1-1a	2-2a	OPEN	OPEN

Note: Terminal numbers are actually on the switch.

Wiring					Wire Specifications		Panel Cutout
No. of Wires	Terminal 1	Terminal 1a	Terminal 2	Terminal 2a	UL1015	Temperature Range: -40°C ~ +105°C (-40°F ~ +221°F)	Panel Thickness Range: .030" ~ .079" (0.75mm ~ 2.0mm)
4	Black	White	Blue	Yellow	600V	Stripped Wire Ends 1/4"	

### Neon Lamp Color & Specifications

The Neon lamp is factory assembled and not available separately.  
The lamp circuit is synchronous to the switching circuit.  
Electrical specifications are determined at a basic temperature of 25°C.

Green Illumination	Voltage (V)	125V AC
Internal Series Resistance	68K ohms	
Current (I)	0.6mA	
Endurance (Hours)	8,000	

## Base Switch Specifications

### Electrical Capacity (Resistive Load)

Power Level: 9A @ 125V AC

### Other Ratings

Contact Resistance:	20 milliohms maximum
Insulation Resistance:	500 megohms minimum @ 500V DC
Dielectric Strength:	1,500V AC minimum between contacts for 1 minute minimum; 3,000V AC minimum between contacts & case for 1 minute minimum
Mechanical Life:	30,000 operations minimum
Electrical Life:	10,000 operations minimum
Nominal Operating Force:	10.0N
Angle of Throw:	30°

### Materials & Finishes

Rocker:	Polycarbonate	Stationary Contacts:	Silver alloy
Housing:	Polyamide	Switch Terminals:	Brass with silver plating
Movable Contactor:	Beryllium copper with silver plating	Lamp Terminals:	Brass with silver plating
Movable Contacts:	Silver alloy		

### Environmental Data

Operating Temp Range:	-20°C through +85°C (-4°F through +185°F)
Humidity:	90 ~ 95% humidity for 96 hours @ 40°C (104°F)
Vibration:	10 ~ 55Hz with peak-to-peak amplitude of 0.75mm traversing the frequency range & returning in 1 minute; 3 right angled directions for 2 hours
Shock:	50G (490m/s <sup>2</sup> ) acceleration (tested in 6 right angled directions, with 5 shocks in each direction)

### Standards & Certifications for Base Switch

UL:	File No. E44145 9A @ 125V AC Markings on case are standard.	CSA:	File No. 0701166_0_000 9A @ 125V AC Markings on case are standard.
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