



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

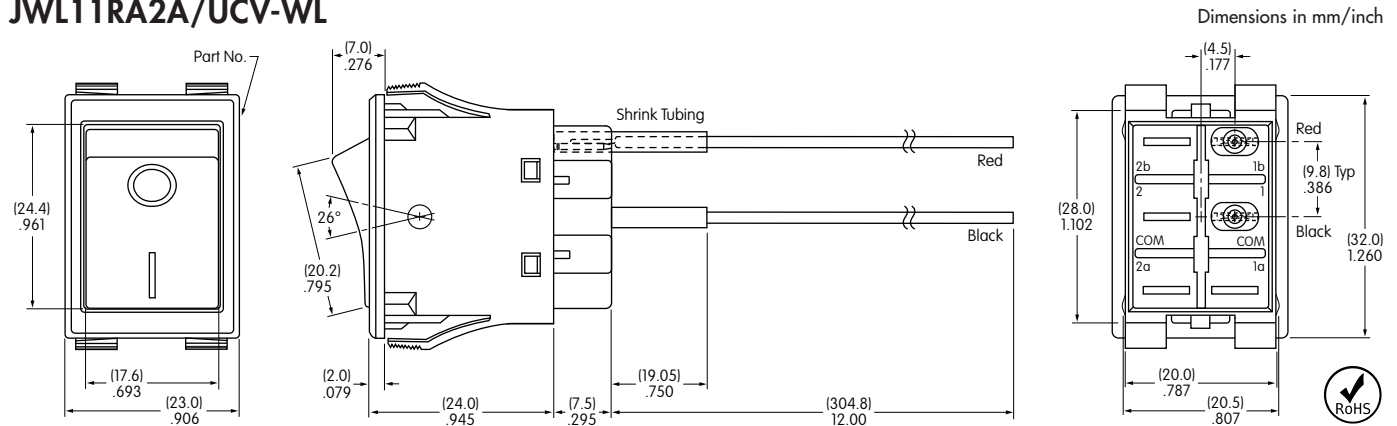
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



JWL11RA2A/UCV-WL



SINGLE POLE WITH SOLDER LUG

Base Switch	Pole	Rocker Position			Connected Terminals			Throw & Schematics
		Down	Center	Up	Down	Center	Up	
JWL11RA2A/UCV	SP	ON	NONE	OFF	1-1b	OPEN	OPEN	SPST

Wiring				Wire Specifications		Panel Cutout	
No. of Wires	Terminal 1b	Terminal COMMON	Terminal 1a, 2a, COM, 2b	UL1015	Temperature Range: -40°C ~ +105°C (-40°F ~ +221°F)	Panel Thickness Range:	
2	Red	Black	---	600V	Stripped Wire Ends 1/4"	.039" ~ .157"	
				14 AWG		(1.0mm ~ 4.0mm)	

Base Switch Specifications

Electrical Capacity (Resistive Load)

Power Level: 16A @ 125/250V AC; 5A @ 72V DC for telecommunication applications

Other Ratings

- Contact Resistance:** 20 milliohms maximum
- Insulation Resistance:** 1,000 megohms minimum @ 500V DC
- Dielectric Strength:** 2,000V AC minimum between contacts for 1 minute minimum; 4,000V AC minimum between contacts & case for 1 minute minimum
- Mechanical Life:** 25,000 operations minimum
- Electrical Life:** 25,000 operations minimum
- Nominal Operating Force:** 5.00N
- Angle of Throw:** 26°

Materials & Finishes

- Rocker:** Polyphenylene ether (UL94V-0)
- Housing/Frame & Barrier:** Polyamide (UL94V-0)
- Interior Seal:** Polyphenylene sulfide (UL94V-0)
- Contacts:** Silver alloy plus copper with silver plating
- Case/Base:** Melamine (UL94V-0)
- Terminals:** Brass with silver plating

Environmental Data

- Operating Temperature Range:** -25°C through +70°C (-13°F through +158°F)
- Humidity:** 90 ~ 95% humidity for 96 hours @ 40°C (104°F)
- Vibration:** 10 ~ 55Hz with peak-to-peak amplitude of 1.5mm traversing the frequency range & returning in 1 minute; 3 right angled directions for 2 hours
- Shock:** 50G (490m/s²) acceleration (tested in 6 right angled directions, with 5 shocks in each direction)
- Sealing:** Dust resistant inner seal

Standards & Certifications for Base Switch

- Flammability Standards:** UL94V-0 for rocker, housing, seal & case/base
- TV Ratings for UL & CSA:** TV-8 - Overload Test @ 120V AC for 50 operations: Steady State Current (rms) 12A; Minimum Inrush Current (peak) 163A. Endurance Test @ 120V AC for 25,000 operations: Steady State Current (rms) 8A; Minimum Inrush Current (peak) 117A.
- UL:** File No. E44145. Recognized at 16A @ 250V AC; 5A @ 72V DC.
- CSA:** File No. 023535_0_000. Certified at 16A @ 250V AC.
- VDE:** License No. 115674. Approved at steady state inrush 128A, resistive 16A, & motor load 8A all at 250V AC.