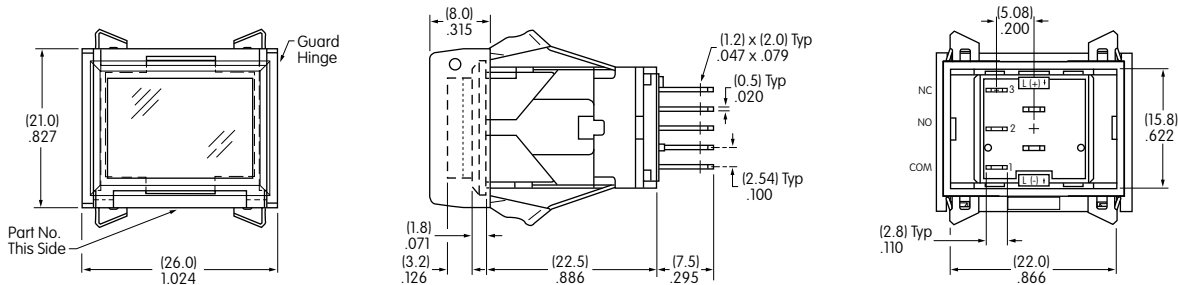


LB15VA001

Rectangular • Snap-in Mount • Solder Lug/Quick Connect

Dimensions in mm/inch



BASE SWITCH

NONILLUMINATED CAP

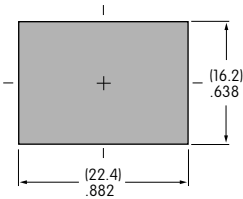
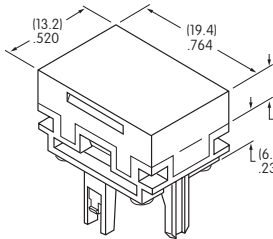
PANEL CUTOUT

AT4030 Cap

Color: Red

Part Number

LB15RKW01-C



Material: Polycarbonate

Finish: Glossy

Panel Thickness
.039" ~ .138" (1.0mm ~ 3.50mm)

POLES & CIRCUITS

Pole	Model	Plunger Position () = Momentary		Connected Terminals		Throw & Switch/Lamp Schematics
		Normal	Down	Normal	Down	
						Notes: Switch is marked with NC, NO, COM, L+, L-. Lamp circuit is isolated and requires an external power source.
SP	LB15	ON	(ON)	1-3	1-2	SPDT

Protective Guard

AT4057
Rectangular
Protective Guard

Protective Guard reduces the depth of switch behind the panel by .020" (0.5mm).

Opens 90°
Closes manually

Material:
Polyamide



Base Switch Specifications

Electrical Capacity (Resistive Load)

Power Level: 3A @ 125V AC or 3A @ 250V AC or 3A @ 30V DC


Other Ratings

Contact Resistance: 50 milliohms maximum
Insulation Resistance: 200 megohms minimum @ 500V DC
Dielectric Strength: 1,000V AC minimum between contacts for 1 minute minimum;
1,500V AC minimum between contacts & case for 1 minute minimum
Mechanical Life: 1,000,000 operations minimum
Electrical Life: 100,000 operations minimum
Nominal Operating Force: 4.41N
Contact Timing: Nonshorting (break-before-make)
Travel: Pretravel .059" (1.5mm); Overtravel .059" (1.5mm); Total Travel .118" (3.0mm)

Materials & Finishes

Housing: Glass fiber reinforced polyamide (UL94V-0)
Snap-in Frame: Stainless steel
Movable Contact: Silver alloy or copper with gold plating
Stationary Contacts: Silver alloy or copper with gold plating
Base: Liquid crystal polymer (UL94V-0)
Switch Terminals: Phosphor bronze with silver or gold 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)
RoHS Compliant: 

Installation

Cap Installation Force: 3.92N maximum downward force on cap
Quick Connect Force: 52.95N maximum downward force on connector
Soldering Time & Temperature: Manual Soldering: 390°C for 4 seconds, 2 cycles

Standards & Certifications

Flammability Standards: UL94V-0 housing & base

Mouser Electronics

Authorized Distributor

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