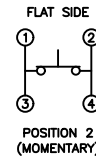
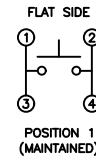


**OBSOLETE**  
 April 2019  
 PCR 23851

**SCHEMATIC**



**SPECIFICATIONS**

**FUNCTION:**  
 1P1T OFF-(ON)

**RATINGS:**  
 10mA 35VDC

**OPERATION FORCE:**  
 130±40gf

**CONTACT RESISTANCE:**  
 Initial: 20mΩ Max.

**INSULATION RESISTANCE:**  
 100MΩ Min. at 500VDC

**DIELECTRIC STRENGTH:**  
 500VAC For 1 Minute

**CAPACITANCE:**  
 1pF

**ELECTRICAL LIFE:**  
 250,000 Cycles

**MECHANICAL LIFE:**  
 500,000 Cycles Min.

**TEMPERATURE:**  
 Operating: -20°C to 85°C

**APPROVALS:**  
**RoHS**  
 COMPLIANT

**MATERIALS**

**UPPER HOUSING:**  
 Acrylonitrile Butadiene Styrene (ABS)

**LOWER HOUSING:**  
 Polybutylene Terephthalate (PBT)

**CONTACTS:**  
 Silver Plated Copper

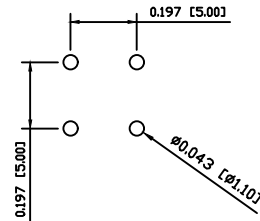
**TERMINALS:**  
 Silver Plated Brass

**COLORS**

**UPPER HOUSING COLOR:**  
 Green

**LOWER HOUSING COLOR:**  
 White

**SUGGESTED PCB LAYOUT**



BODY	A	09/08/06	CAB
COLORS	A	09/08/06	CAB
MATERIALS	A	09/08/06	CAB
SPECIFICATIONS	A	09/08/06	CAB
REFERENCE	REV.	DATE	BY

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INITIAL RELEASE	PCRO0051	09/08/06	CAB
DESCRIPTION	PCR	DATE	DRAWN BY

DIMENSIONS	
INCHES [MILLIMETERS]	
GENERAL TOLERANCES	
±0.008 [±0.2] / ±1°	
SCALE	PROJECTION
DRAWING NOT TO SCALE	1st Angle

E-SWITCH®	LAMB INDUSTRIES
KS-01Q-03	
DRAWING NUMBER	DATE
29-KS01Q03	AUGUST 6, 2009
REVISION	
A	