

**MATERIALS**

**BODY:**  
Phenolic, UL94 V-0

**ACTUATOR:**  
Nickel Plated Brass

**BUSHING:**  
Nickel Plated Brass

**HOUSING:**  
Stainless Steel

**HARDWARE:**  
Nickel Plated Steel

**FUNCTION PLATE:**  
Stainless Steel

**SPACER PLATE:**  
Laminate Board

**SPRING:**  
Steel

**PLUNGER:**  
Nylon

**MOBILE CONTACT:**  
Silver Plated Copper

**MOBILE CONTACT PIVOT:**  
Silver Plated Copper

**CONTACTS:**  
Silver Alloy Clad Copper

**TERMINALS:**  
Brass

**SPECIFICATIONS**

**FUNCTION:**  
2P1T OFF-ON

**RATINGS:**  
ANSI/UL1054 and CAN/CSA C22.2 No.55 (E194579):  
20A 125VAC [cURus]  
15A 277VAC [cURus]  
2HP 125/277VAC [cURus]

**CONTACT RESISTANCE:**  
Initial: 50mΩ Max. at 50VAC

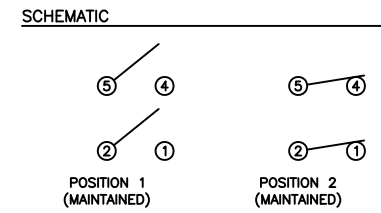
**INSULATION RESISTANCE:**  
800MΩ Min. at 500VDC

**DIELECTRIC STRENGTH:**  
1,500VAC for 1 Minute

**OPERATING LIFE:**  
6,000 Cycles [cURus]

**TEMPERATURE:**  
Operating: -20°C to 85°C [cURus]

**APPROVALS:**  
 RoHS COMPLIANT



ACTUATOR	B	10/11/16	CAB
BODY	B	10/11/11	CAB
MATERIALS	A	09/06/03	CAB
SPECIFICATIONS	A	09/06/03	CAB
REFERENCE	REV.	DATE	BY

THE INFORMATION CONTAINED IN THIS DOCUMENT IS PROPRIETARY TO E-SWITCH AND IS NOT TO BE COPIED OR TRANSFERRED

B	CORRECTED PANEL CUTOUT DIMENSIONS	19380	10/11/16	CAB
A	INITIAL RELEASE	PCRD0051	09/08/05	CAB
REV.	DESCRIPTION	PCR	DATE	DRAWN BY

DIMENSIONS	
INCHES [MILLIMETERS]	
GENERAL TOLERANCES	
0.000~0.236: ±0.004 [0~6: ±0.1]	
0.236~1.181: ±0.012 [6~30: ±0.3]	
1.181~4.724: ±0.020 [30~120: ±0.5]	
SCALE	PROJECTION
DRAWING NOT TO SCALE	

ST242D00		
ITEM NUMBER	DATE	REVISION
34-ST242D00	NOVEMBER 16, 2010	B

# Mouser Electronics

Authorized Distributor

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