

BOURNS®

Features

- Single pole/single throw
- Compatible with surface mount reflow processes
- Tape and reel packaged
- 1mm profile height available
- Low level signal switch

Applications

- Electronic toys
- Personal alerts
- Remote locks
- Panel meters

7916 SMD 6mm Square Key Switch

Electrical Characteristics

Contact Rating	
Maximum	20mA 15 VDC
Minimum	10 μ A 2 VDC
Contact Resistance	
	100 milliohms max.
Insulation Resistance	
	50 megohms min. (DC100V)
Dielectric Strength	250 VAC
Contact Bounce	3ms max. (on)
	10ms max. (off)

General Characteristics

Switch Type	(N.O.) SPST
Operating Temperature Range	
	-20°C to +70°C
Storage Temperature Range	
	-40°C to +85°C

Mechanical Characteristics

Push Stroke	0.25mm $\pm$ 0.1
Actuation Force	160 $\pm$ 50 gf
Operating Life	100,000 Actuations

How to Order

7916 X - 1 - 000 E

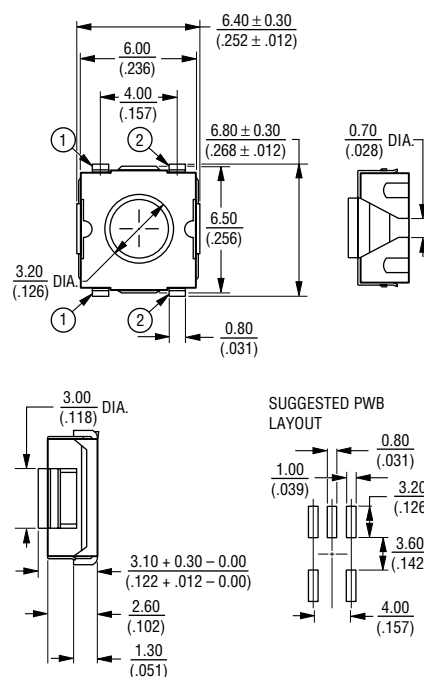
Model	
Terminal	
Switch Type	
1 = Std. (N.O.)	
Option	
Embossed Tape Designator	
E = 370mm Reel (Standard)	
7916X-1 = 2000 pcs./Reel	

DIMENSIONS ARE: METRIC
(INCHES)

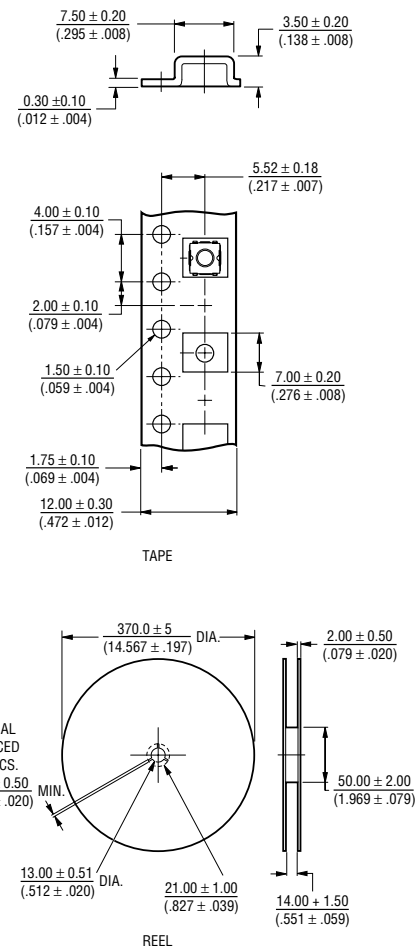
TOLERANCES: $\pm$.2 EXCEPT WHERE NOTED.

Product Dimensions

7916X-1 (WITH GROUND LUG)



Packaging Specifications



Meets EIA specification 481.

