



BOURNS®

Features

- 5 position selector switch
- Miniature industrial switch multi-position
- Vertical adjust
- Rugged surface mount design
- Break-before make timing

Applications

- Signal/circuit select
- Filter select
- Test equipment
- TV, radio

7644 SMD 4 mm Square Sealed Selector Switch

Electrical Characteristics

Contact Rating
 Maximum Current100 mA max.
 Maximum Voltage16 V
 Contact Resistance
100 milliohms max.
 Insulation Resistance100 megohms
 Dielectric Strength250 volts

General Characteristics

Operating Temperature Range
-55 °C to +125 °C
 Storage Temperature Range
-55 °C to +125 °C
 Seal Test85 °C Fluorinert*

Mechanical Characteristics

Switch TypeSP4T
 Adjustment Detent Torque
 0.2-0.7 N-cm

Environmental Characteristics

Shock100 G
 0.1 ms. max. discontinuity
 Vibration30 G
 0.1 ms. max. discontinuity
 Thermal Shock (5 cycles)
-55 °C to +125 °C
 Actuation Life1,000 Steps
 Maximum Soldering Heat245 °C
5 seconds

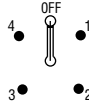
Standard Packaging

Tube50 pcs./tube
 Tape & Reel500 pcs./reel

How to Order

7644 J - 1 - 005 E

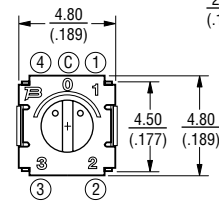
Model _____
 Terminal _____
 Switch Type _____
 1 = SP4T
 Number of Positions _____
 005 = 5 Positions
 ("0" Position is Off; No Contact)
 Embossed Tape Designator
 (Omit letter for Tube)



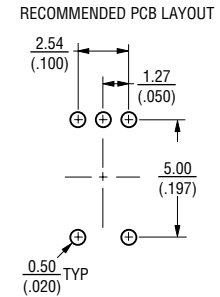
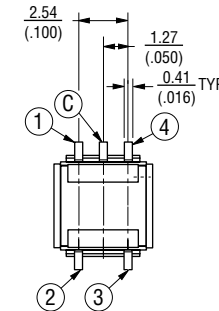
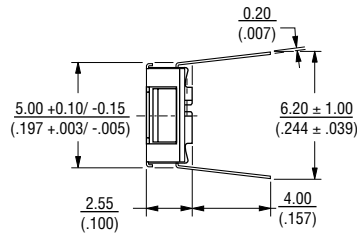
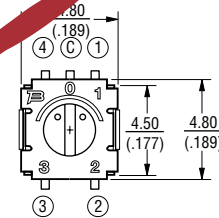
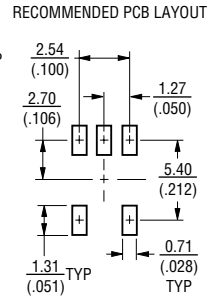
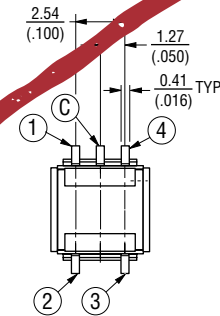
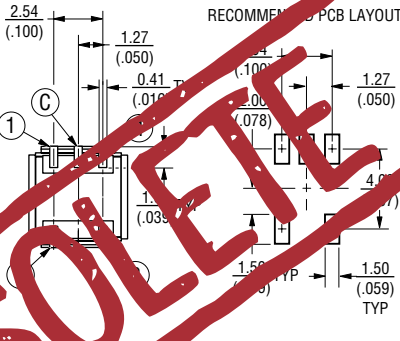
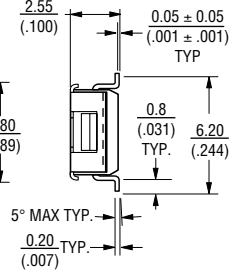
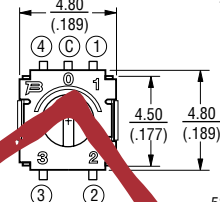
SCHEMATIC

Product Dimensions

7644J



7644G



TOLERANCES: ±.38 EXCEPT WHERE NOTED.
 DIMENSIONS: $\frac{MM}{(IN)}$

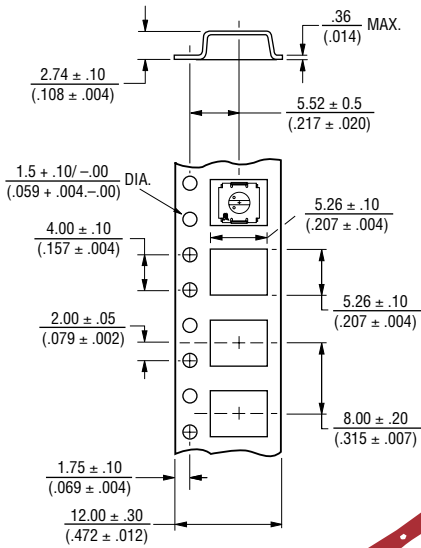
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Packaging Specifications

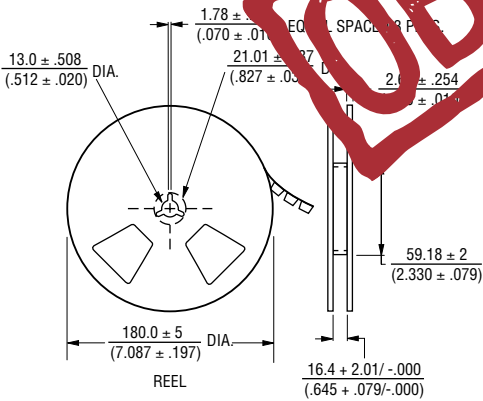
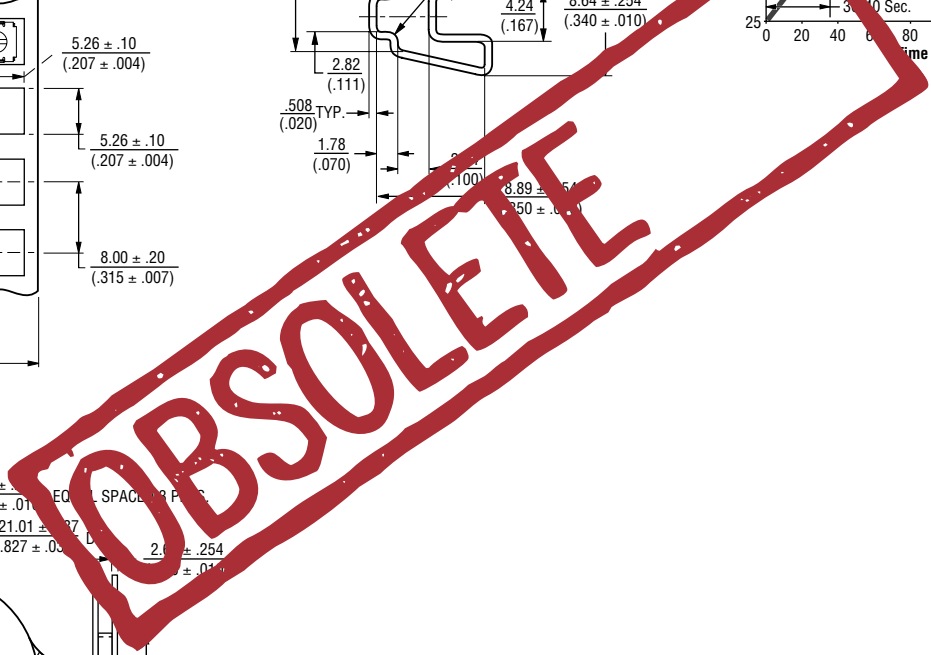
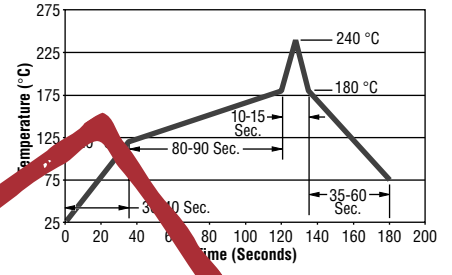
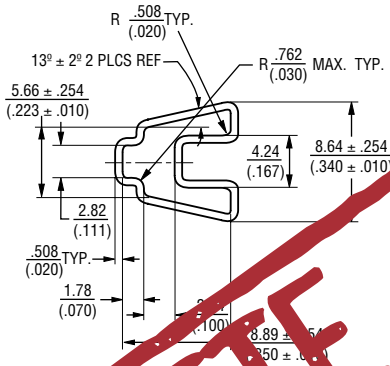
Reflow Soldering Profile

7644 J & G



TAPE

7644 H Tube



REEL

Meets EIA 481