

TD1260 SERIES DETECTOR SWITCH



SPECIFICATIONS

Contact Rating: 1mA @ 5VDC MAX.
Contact Resistance: 3Ω Max.
Insulation Resistance: 100MΩ Min. at 100VDC
Dielectric Strength: 100VAC for 1 minute
Travel: 2.50mm
Operating/Storage Temperature: -25°C to 55°C
Operating Life: 50,000 Cycles
Operating Force: 35gf Max.
Contact Arrangement: SPST

FEATURES & BENEFITS

Compact size
Surface mount design
SPST contact arrangement
Sharp detection feeling
J-Lead terminals

PART NUMBER CONFIGURATOR

Series

TD1260

Bosses

B - With Bosses

Circuit

G - Normally Open
 H - Normally Closed

Contact Material

Q - Silver Plated

Terminals

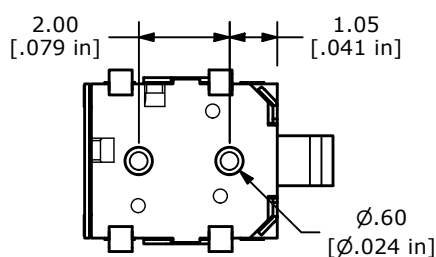
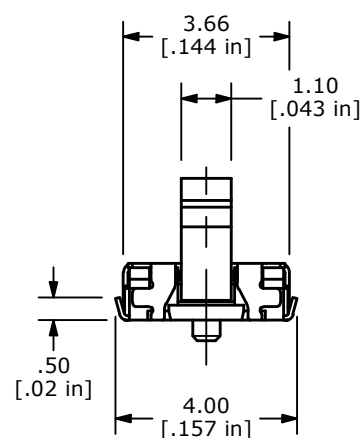
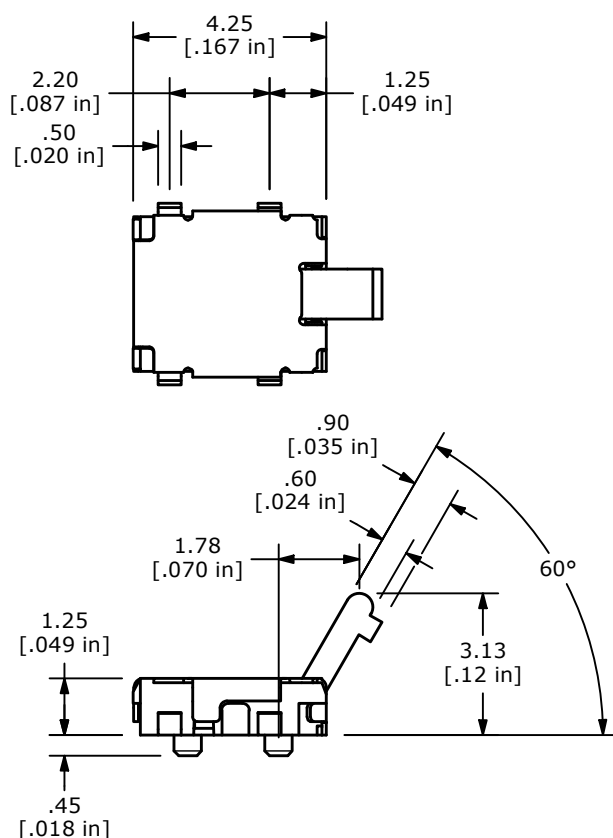
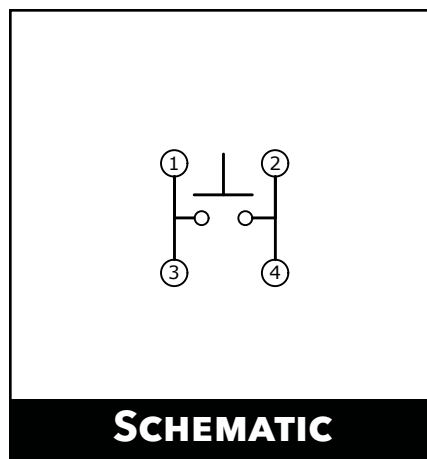
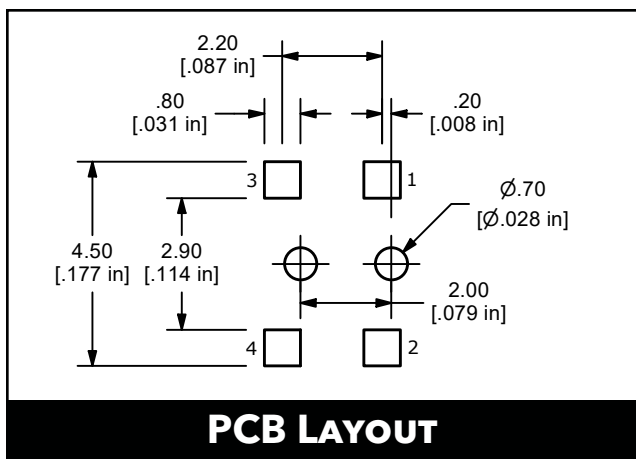
J - J-Lead (Bent)

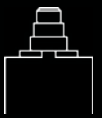
Packaging

R - Tape and Reel

TD1260 SERIES DETECTOR SWITCH - BODY DIMENSIONS

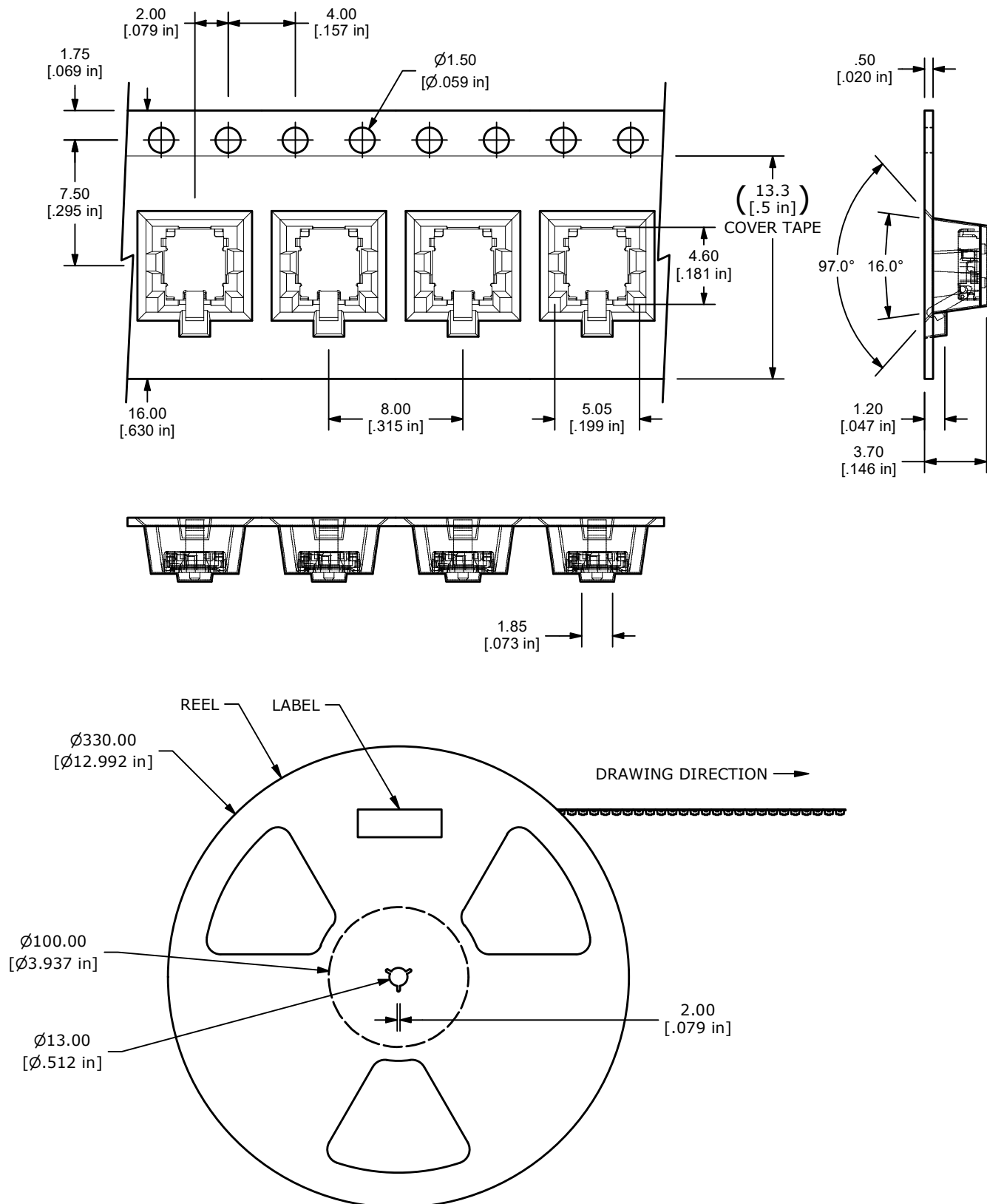
NORMALLY OPEN





TD1260 SERIES DETECTOR SWITCH - BODY DIMENSIONS

TAPE AND REEL



TD1260 SERIES DETECTOR SWITCH

RECOMMENDED SOLDER PROCESS

Most contamination problems can be prevented by exercising care during the cleaning and soldering process. Care should be taken not to immerse or spray unsealed switches during flux removal. Contact E-Switch for specific soldering recommendations and specifications not shown. Generalized soldering procedures are outlined below.

“TYPICAL” SMT REFLOW (Pb and Pb-Free)

Profile Feature	Sn-Pb Eutectic Assembly	Pb-Free Assembly
Average Ramp-Up Rate (T_{smax} to T_p)	3 °C/second max.	3 °C/second max.
Preheat		
-Temperature Min (T_{smin})	100 °C	150 °C
-Temperature Max (T_{smax})	150 °C	200 °C
-Time (t_{smin} to t_{smax})	60-120 seconds	60-180 seconds
Time Maintained above:		
-Temperature (T_L)	183 °C	217 °C
-Time (t_L)	60-150 seconds	60-150 seconds
Time within 5 °C of actual Peak Temperature (t_p)	10-30 seconds	20-40 seconds
Ramp-Down Rate	6 °C/second max.	6 °C/second max.
Time 25 °C to Peak Temperature	6 minutes max.	8 minutes max.

Note 1: All temperatures refer to topside of the package, measured on the package surface.

