SDS Series Side Actuated Detect Switches

Features/Benefits

- Low profile package sits just 2mm off PCB
- 2mm overtravel ideal for detector applications
- Low actuation force (75 grams max.)
- Pick & place compatible, available in tape & reel packaging
- RoHS compliant and compatible

Typical Applications

- Medical devices
- Consumer electronics
- PCB lock cam detect
- IoT devices
- ATCA and MicroTCA



Specifications

CONTACT RATING: 100 mA @ 12 VDC. MECHANICAL & ELECTRICAL LIFE: 50,000 cycles. CONTACT RESISTANCE: 100 m Ω max. initial. INSULATION RESISTANCE: 10 M Ω min. @ 100 VDC. OPERATING TEMPERATURE: -40°C to +85°C. SOLDERABILITY: IR compatible, no wash. 260°C max. PACKAGING: Bulk or tape & reel (3000 per reel).

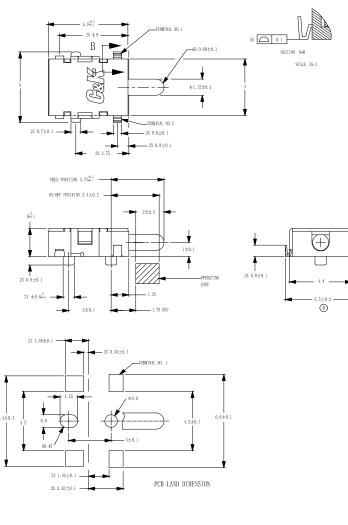
Materials

BASE: Glass filled LCP (UL 94V-0). ACTUATOR: Glass Filled LCP (UL94V-0). COVER: Nickel silver w/silver plate. MOVABLE CONTACT: Phosphor bronze, see table for plating. TERMINALS: Phosphor bronze, see table for plating.

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

How to Order

Complete part numbers for SDS Series Switches are shown below.



PART NUMBER	HOUSING COLOR	PACKAGING	SCHEMATIC	Contact Plating	Terminal Plating
SDS001		Bulk			
SDS001R	Black	Tape & Reel	N.O. 2 1	Silver	Silver
SDS002		Bulk	2 1	Clad	Plate
SDS002R	White	Tape & Reel	N.C.		
SDS004		Bulk			
SDS004R	Black	Tape & Reel	N.O. 2 1	Gold	Gold
SDS005		Bulk	2 1	Flash	Flash
SDS005R	White	Tape & Reel	N.C.		





Specifications and dimensions subject to change

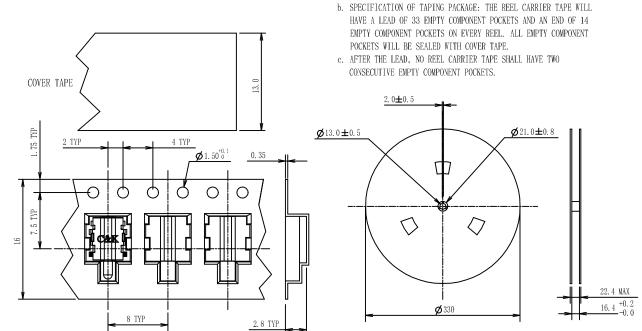


www.ckswitches.com

TAPE & REEL

TAPE & REEL PACKAGING NOTES:

a. PACKAGE QUANTITY: 3,000 PCS/REEL.





Dimensions are shown: mm Specifications and dimensions subject to change

www.ckswitches.com



Gek