

# DHS SERIES 1/2 PITCH SPST SURFACE MOUNT DIP SWITCHES

## FEATURES

Ultra-compact low-profile size.  
 .050" 1.27mm terminal spacing.  
 Auto-insertable and reflow solderable.  
 Process compatible with std'd. tape seal.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

## GENERAL SPECIFICATIONS

### ELECTRICALS

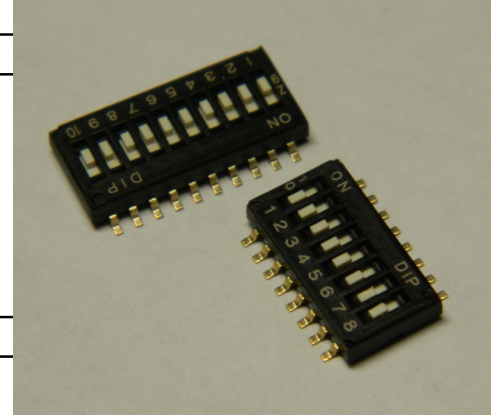
Electrical life	1000 cycles minimum
Contact rating, switching	25mA at 24 VDC
Contact resistance	10 mΩ maximum
Insulation resistance	100 MΩ minimum
Dielectric strength	300 VDC for 1 min. between adjacent or opposite terminals

### MECHANICALS, THERMALS

Operating force	500 grams maximum
Vibration	10-55 Hz. per MIL-STD-202F, METHOD 201A
Shock	50 g (peak value) for 11 msec. per MIL-STD-202F, METHOD 213B
Operating temperature range	-40°C to +85°C

### SOLDERING & CLEANING RECOMMENDATIONS

Hand soldering	350°C max. for 5 seconds max.(30 watt iron max.)
Reflow soldering	MAX. temperature to not exceed 260°C
Cleaning (with standard tape seal in place)	1-1-1 Trichloroethane, Freon TE, Isopropyl alcohol or aqueous cleaner for 2 minutes max. at 20°C

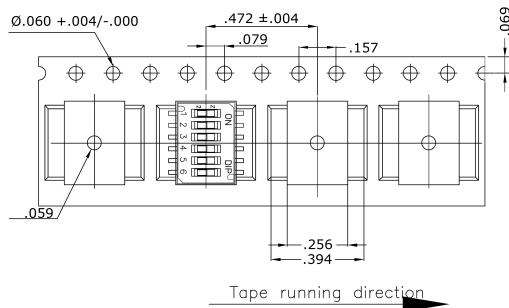


## MATERIALS

Base	UL94V-O Nylon, black
Cover	UL94V-O, Nylon, black
Actuators	UL94V-O, LCP, white
Contacts	Gold plated copper alloy
Terminals	Gold plated brass
Tape seal	Polyimide

## PACKAGING

Supplied in tape & reel packaging.



MODEL NUMBER	NO. OF POS.	A DIMENSION	
		IN(± .012)	MM(± 0.30)
DHS4-A	4	.244	6.21
DHS6-A	6	.344	8.75
DHS8-A	8	.444	11.29
DHS10-A	10	.544	13.83

## MECHANICAL OUTLINE

