

SWITCH DIP SWITCH

DHS

Series

HALF PITCH SMT TYPE, THE LOWEST PROFILE DIP SWITCH



Gull Wing Type



J-Hook Type

FEATURES

- Standard 0.05" integrated circuit pitch
- Smaller size makes better heat convection during PC board wave soldering
- Top tape sealed to withstand wave soldering, board washing
- All plastics are UL 94V-0 grade fire retardant
- Gold plated contact to ensure low contact resistance and long mechanical life
- RoHS Compliant

APPLICATIONS

- Hand-held electronic devices, such as PDA, MP3, radios
- Portable computer and electronic devices, such as notebook, computers
- Instrumentation and industrial control products, such as CDROM, coin changers

SPECIFICATIONS

1. ELECTRICAL

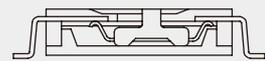
Contact rating switching	25 mA, 24 VDC
non-switching	100 mA
Contact resistance (Initial)	100 mΩ Max.
Insulation resistance	500 MΩ Min. at 100 VDC
Dielectric strength	300 VAC Min. for 60 seconds
Capacitance between adjacent switches	5pF Max

2. MECHANICAL and ENVIRONMENTAL

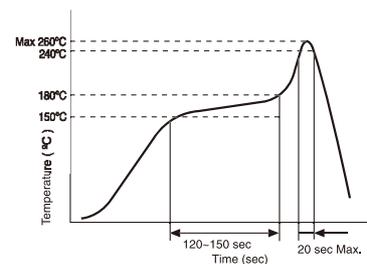
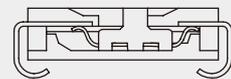
Temperature rating operating	-40°C to +85°C
storage	-40°C to +85°C
Operation force	800g Max.
Mechanical life	1000 operations
Humidity	95% RH, 40°C for 96 Hrs
Vibration	10 Hz - 55 Hz - 10 Hz for 6 Hrs
Reflow soldering heat for SMT type (reference only)	240°C for 20 seconds or less, peak temperature 260°C or less

CONSTRUCTION

Gull Wing Type



J-hook Type



PART NUMBERING SYSTEM

D H S - [] [] [] [] [] []

Series name No. of positions Terminal Sealing Packaging

Contact form Actuator

Series name	Contact form	No. of positions	Actuator
D H S Half pitch SMT type	1 SPST	0 2 0 8 0 4 1 0 0 6	L Low profile actuator

Terminal	Sealing	Packaging
J J-hook type	[] Without top tape sealed	[] Tube package
M Gull wing type	T With top tape sealed	C Tape & Reel Package

DIMENSIONS AND CIRCUITRY

DHS-1 [] [] LM	Gull wing type	DHS-1 [] [] LJ	J-Hook type												
<p>P.C.B LAYOUT (TOP VIEW)</p>		<p>P.C.B LAYOUT (TOP VIEW)</p>													
<p>DIMENSION A</p> <table border="1"> <thead> <tr> <th>POSITIONS</th> <th>2</th> <th>4</th> <th>6</th> <th>8</th> <th>10</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>3.70 (0.146)</td> <td>6.20 (0.244)</td> <td>8.75 (0.344)</td> <td>11.30 (0.445)</td> <td>13.80 (0.543)</td> </tr> </tbody> </table> <p>Unit : mm(inch)</p>			POSITIONS	2	4	6	8	10	A	3.70 (0.146)	6.20 (0.244)	8.75 (0.344)	11.30 (0.445)	13.80 (0.543)	<p>CIRCUIT DIAGRAM</p>
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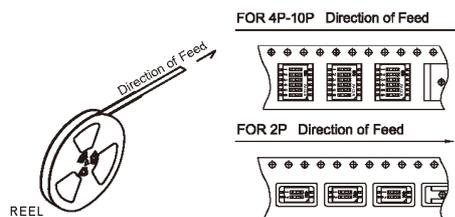
OPTIONS

- Special marking and case color available
- Top Tape sealed



PACKAGING

- Tape & Reel Packaging (Per EIA STANDARD)



POLE	No. of pcs per reel
2P	2000
4P	2000
6P	2000
8P	2000
10P	2000