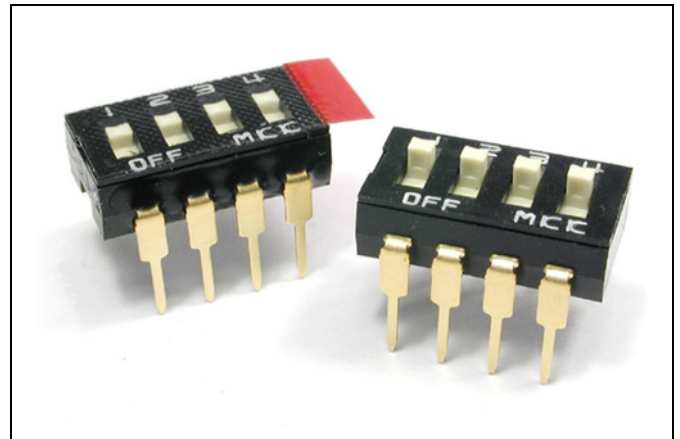


# Data Sheet

## DIP-Switch DAS

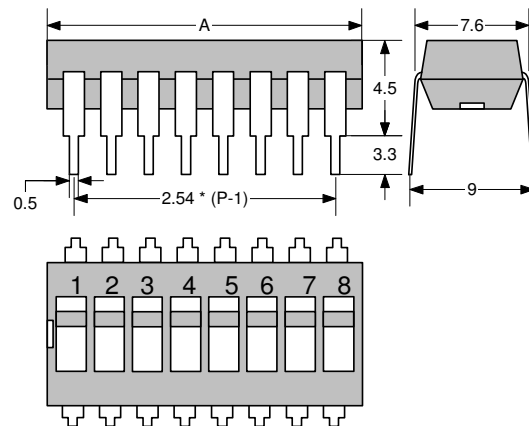
- DIP-switch with 1 to 10 positions
- Flat slides with protective foil or raised slides
- Washable switches are protected by an adhesive foil
- Suitable for mechanical mounting and soldering
- Gold plated contacts and terminals
- Contacts have self cleaning function
- RoHS compliant



### Technical Data

Max. operating voltage	50 VDC
Max. current (carrying capacity)	100 mADC
Max. switching	0.8 W
Contact resistance	< 100 mΩ
Insulation resistance (at 100 VDC)	> 100 mΩ
Test voltage (1 minute)	500 VAC
Capacity between 2 adjacent switches (at 1.000 KHz)	< 5 pF
Life expectancy	1.000 operations
Operating temperature	-20° . . . +80 °C
Storage temperature	-55° . . . +85 °C

### Dimensions



Unless otherwise specified, components for wave soldering are limited to

- a pre-heat temperature of 100 °C max. for 60 s max. and
- a soldering temperature of 260 °C max. for 5 s max.

Type	A (max.)	n
DAS-1S/H	4.0 mm	1
DAS-2S/H	6.6 mm	2
DAS-3S/H	9.3 mm	3
DAS-4S/H	11.8 mm	4
DAS-5S/H	14.3 mm	5
DAS-6S/H	16.8 mm	6
DAS-7S/H	19.3 mm	7
DAS-8S/H	21.8 mm	8
DAS-9S/H	24.3 mm	9
DAS-10S/H	26.8 mm	10

### Order Number Configuration

① Type		<b>DAS</b>
② No. of positions	1 circuit 2 isolated circuits etc. 10 isolated circuits	01 02 etc. 10
③ Style	Flat slides with protective foil Raised slides	- H

### Ordering Key



- ① Type
- ② No. of positions
- ③ Style

Specifications are subject to change without notice.

# Data Sheet

## DIP-Switch DMS

- DIP-switch in SMT (Surface Mounted Technology) with 2, 4, 6, or 8 positions
- Flat slides with protective foil or raised slides
- Washable switches are protected by an adhesive foil
- Suitable for mechanical mounting and soldering
- Gold plated contacts and terminals
- Contacts have self cleaning function
- RoHS compliant



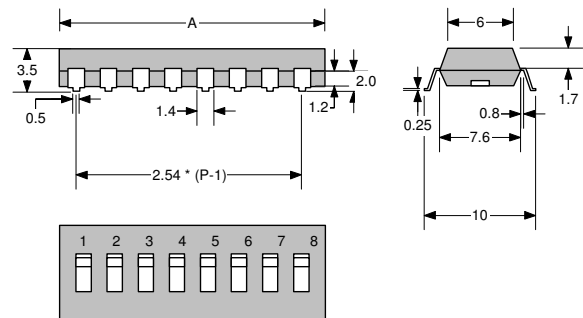
## Technical Data

Max. operating voltage	50 VDC
Max. current (carrying capacity)	100 mADC
Max. switching	0.8 W
Contact resistance	< 100 mΩ
Insulation resistance (at 100 VDC)	> 100 mΩ
Test voltage (1 minute)	500 VAC
Capacity between 2 adjacent switches (at 1.000 KHz)	< 5 pF
Life expectancy	1.000 operations
Operating temperature	-20° . . . +80 °C
Storage temperature	-55° . . . +85 °C

Unless otherwise specified, components for wave soldering are limited to

- a pre-heat temperature of 100 °C max. for 60 s max. and
- a soldering temperature of 260 °C max. for 5 s max.

## Dimensions

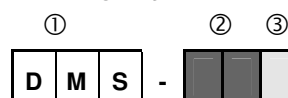


Type	A (max.)	n
DMS-2S/H	6.6 mm	2
DMS-4S/H	11.8 mm	4
DMS-6S/H	16.8 mm	5
DMS-8S/H	21.8 mm	8

## Order Number Configuration

① Type		<b>DMS</b>
② No. of positions	2 isolated circuits 4 isolated circuits 6 isolated circuits 8 isolated circuits	02 04 06 08
③ Style	Flat slides with protective foil Raised slides	- H

### Ordering Key



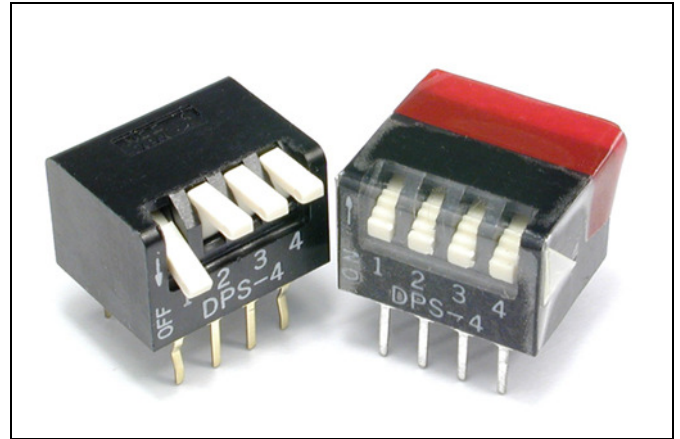
- ① Type
- ② No. of positions
- ③ Style

Specifications are subject to change without notice.

# Data Sheet

## DIP-Switch DPS

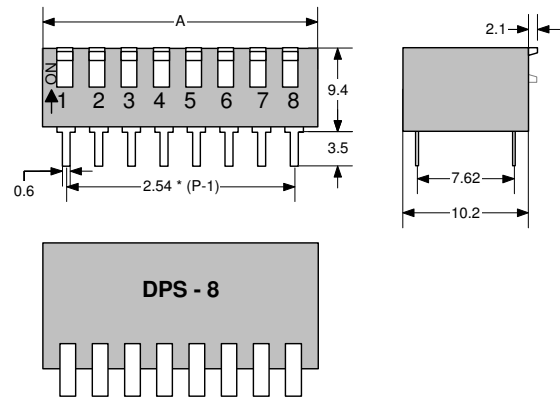
- DIP-switch with 4, 6, 8 or 10 positions
- Vertical mounting
- Different styles available  
ON = lever on upper position  
ON = lever on lower position
- Gold plated contacts and terminals
- RoHS compliant



### Technical Data

Max. operating voltage	50 VDC
Max. current (carrying capacity)	100 mADC
Max. switching	0.8 W
Contact resistance	< 50 mΩ
Insulation resistance (at 100 VDC)	> 100 mΩ
Test voltage (1 minute)	500 VAC
Capacity between 2 adjacent switches (at 1.000 KHz)	< 5 pF
Life expectancy	1.000 operations
Operating temperature	-20° . . . +85°C
Storage temperature	-55° . . . +85°C

### Dimensions



Unless otherwise specified, components for wave soldering are limited to

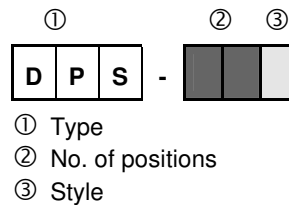
- a pre-heat temperature of 100 °C max. for 60 s max. and
- a soldering temperature of 260 °C max. for 5 s max.

Type	A (max.)	n
DPS-4E/B	12.54 mm	4
DPS-6E/B	17.62 mm	6
DPS-8E/B	22.70 mm	8
DPS-10E/B	27.78 mm	10

### Order Number Configuration

① Type		<b>DPS</b>
② No. of positions	4 isolated circuits	04
	6 isolated circuits	06
	8 isolated circuits	08
	10 isolated circuits	10
③ Style	ON = lever on upper position	E
	ON = lever on lower position	B

### Ordering Key

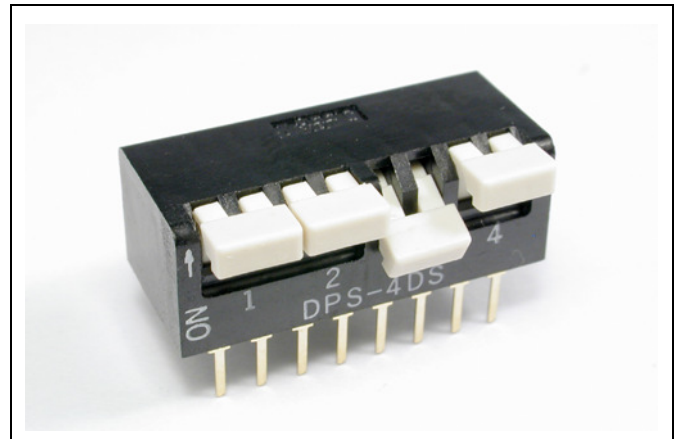


Specifications are subject to change without notice.

# Data Sheet

## DIP-Switch DPS-DS

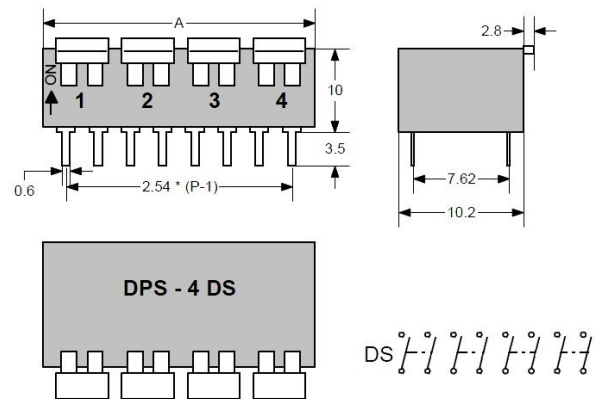
- ♦ 2, 3, 4 or 5 double pole positions
- ♦ Double pole – single throws (DPST)
- ♦ Vertical mounting
- ♦ Gold plated contacts and terminals
- ♦ RoHS compliant



### Technical Data

Max. operating voltage	50 VDC
Max. current (carrying capacity)	100 mADC
Max. switching	0.8 W
Contact resistance	< 50 mΩ
Insulation resistance (at 100 VDC)	> 100 mΩ
Test voltage (1 minute)	500 VAC
Capacity between 2 adjacent switches (at 1.000 KHz)	< 5 pF
Life expectancy	1.000 operations
Operating temperature	-20° ... +85°C
Storage temperature	-20° ... +85°C

### Dimensions



Unless otherwise specified, components for wave soldering are limited to

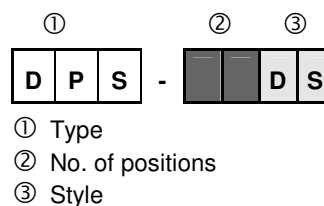
- a pre-heat temperature of 100 °C max. for 60 s max. and
- a soldering temperature of 260 °C max. for 5 s max.

Type	A (max.)	n
DPS-2DS	12.54 mm	2
DPS-3DS	17.62 mm	3
DPS-4DS	22.70 mm	4
DPS-5DS	27.78 mm	5

### Order Number Configuration

① Type		<b>DPS</b>
② No. of positions	2x 2 isolated circuits	02
	3x 2 isolated circuits	03
	4x 2 isolated circuits	04
	5x 2 isolated circuits	05
③ Style	Double pole – single throws	
	DPST	<b>DS</b>

### Ordering Key

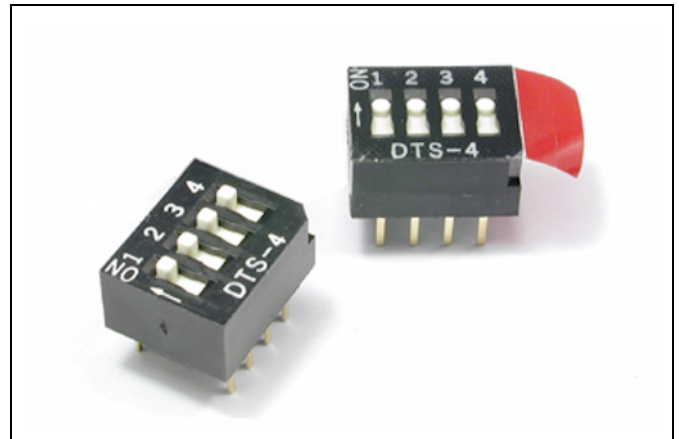


Specifications are subject to change without notice.

# Data Sheet

## DIP-Switch DTS

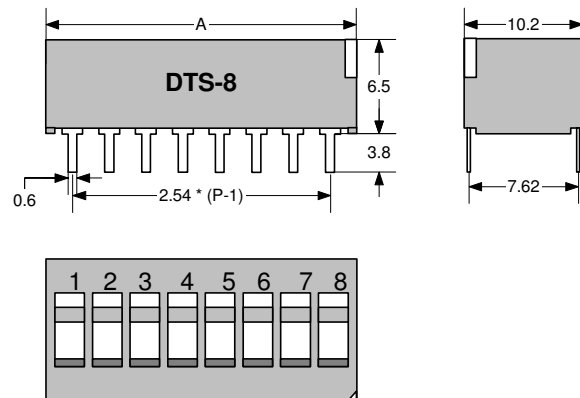
- DIP-switch with 1 to 10 positions
- Flat slides with protective foil or raised slides
- Washable switches are protected by an adhesive foil
- Suitable for mechanical mounting and soldering
- Gold plated contacts and terminals
- RoHS compliant



### Technical Data

Max. operating voltage	50 VDC
Max. current (carrying capacity)	100 mADC
Max. switching	0.8 W
Contact resistance	< 50 mΩ
Insulation resistance (at 100 VDC)	> 100 mΩ
Test voltage (1 min.)	500 VAC
Capacity between 2 adjacent switches (at 1.000 KHz)	< 5 pF
Life expectancy	2.000 operations
Operating temperature	-20° . . . +85°C
Storage temperature	-20° . . . +85°C

### Dimensions



Unless otherwise specified, components for wave soldering are limited to

- a pre-heat temperature of 100 °C max. for 60 s max. and
- a soldering temperature of 260 °C max. for 5 s max.

Type	A (max.)	n
DTS-1S/H	4.8 mm	1
DTS-2S/H	7.2 mm	2
DTS-3S/H	9.8 mm	3
DTS-4S/H	12.3 mm	4
DTS-5S/H	14.9 mm	5
DTS-6S/H	17.4 mm	6
DTS-7S/H	20.0 mm	7
DTS-8S/H	22.6 mm	8
DTS-9S/H	25.1 mm	9
DTS-10S/H	27.5 mm	10

### Order Number Configuration

① Type		DTS
② No. of positions	1 circuit 2 isolated circuits etc. 10 isolated circuits	01 02 etc. 10
③ Style	Flat slides with protective foil Raised slides	S H

### Ordering Key



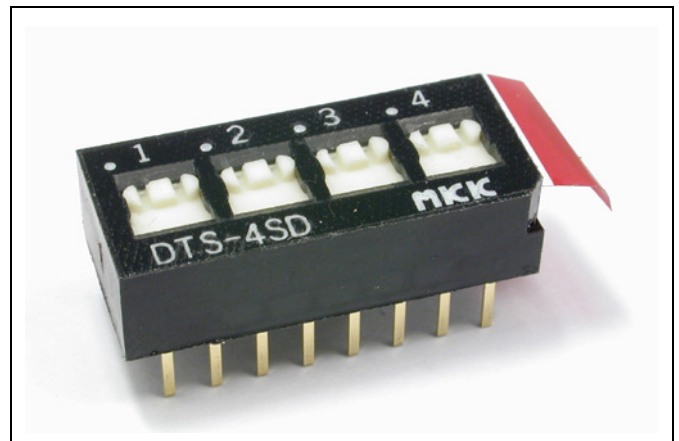
- ① Type
- ② No. of positions
- ③ Style

Specifications are subject to change without notice.

# Data Sheet

## DIP-Switch DTS-SD, DTS-DS

- DIP-switch with 1, 2, 3, 4 or 5 positions, each with 2 isolated circuits
- Style SD: Single pole – double throws (SPDT)
- Style DS: Double pole – single throws (DPST)
- Washable switches are protected by an adhesive foil
- Suitable for mechanical mounting and soldering
- Gold plated contacts and terminals
- RoHS compliant



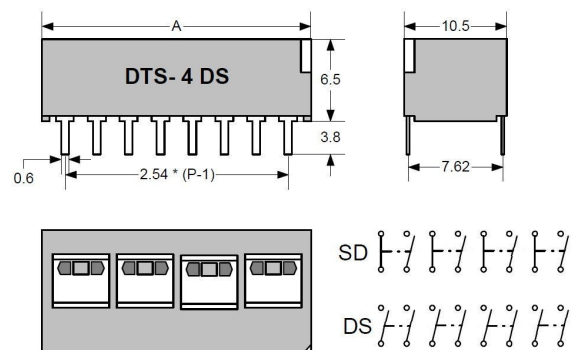
### Technical Data

Max. operating voltage	50 VDC
Max. current (carrying capacity)	100 mADC
Max. switching	0.8 W
Contact resistance	< 100 mΩ
Insulation resistance (at 100 VDC)	> 100 mΩ
Test voltage (1 minute)	500 VAC
Capacity between 2 adjacent switches (at 1.000 KHz)	< 5 pF
Life expectancy	2.000 operations
Operating temperature	-20° . . . +85 °C
Storage temperature	-20° . . . +85 °C

Unless otherwise specified, components for wave soldering are limited to

- a pre-heat temperature of 100 °C max. for 60 s max. and
- a soldering temperature of 260 °C max. for 5 s max.

### Dimensions

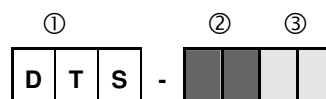


Type	A (max.)	n
DTS-1SD/DS	7.2 mm	1
DTS-2SD/DS	12.3 mm	2
DTS-3SD/DS	17.4 mm	3
DTS-4SD/DS	22.6 mm	4
DTS-5SD/DS	27.5 mm	5

### Order Number Configuration

① Type	<b>DTS</b>	
② No. of positions	1x 2 isolated circuits	01
	2x 2 isolated circuits	02
	3x 2 isolated circuits	03
	4x 2 isolated circuits	04
	5x 2 isolated circuits	05
③ Style	Single pole – double throws SPDT	SD
	Double pole – single throws DPST	DS

### Ordering Key



- ① Type
- ② No. of positions
- ③ Style

Specifications are subject to change without notice.