

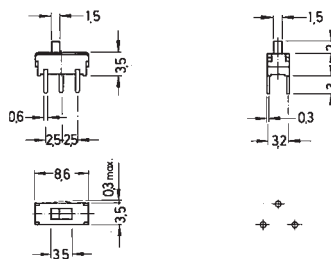
# Microminiature Slide Switches

## Specifications:

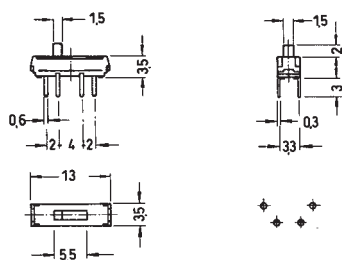
|                        |                                                       |
|------------------------|-------------------------------------------------------|
| Contact rating:        | 12 V DC, 200 mA                                       |
| Contact resistance:    | < 50 mΩ                                               |
| Insulation resistance: | > 100 MΩ at 500 V DC                                  |
| Dielectric strength:   | 500 V, 50 Hz for the duration of 1 minute             |
| Operating temperature: | – 10° to + 60° C                                      |
| Mechanical life:       | minimum 5000 operations                               |
| Contacts:              | phosphor bronze, silver-plated                        |
| Terminals:             | brass silver-plated                                   |
| Contact timing:        | non-shorting                                          |
| Soldering conditions:  | auto-soldering – max.: 3 sec ± 0,5 sec, 230° C ± 5° C |

## Models: Switching functions

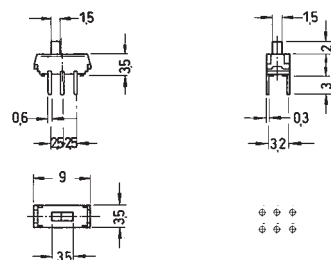
MMP 121 on on



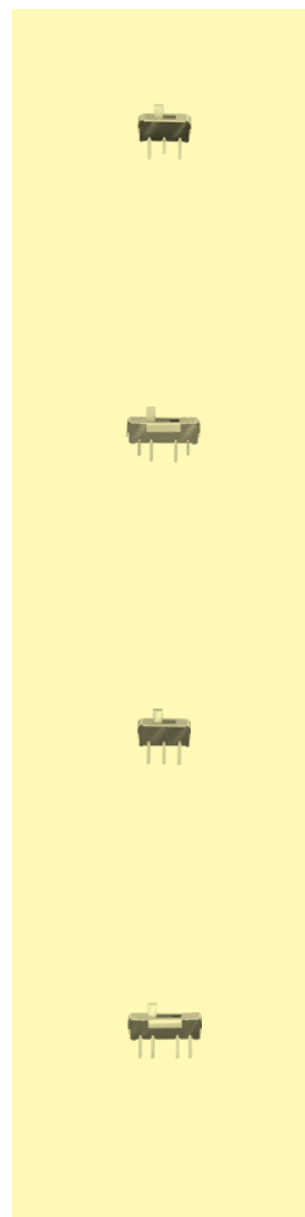
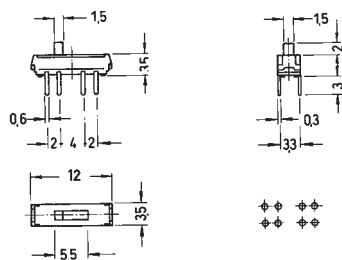
MMP 131 on on on



MMP 221 on on

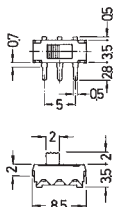
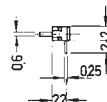
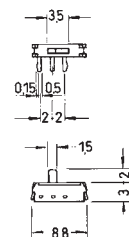


MMP 231 on on on

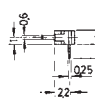
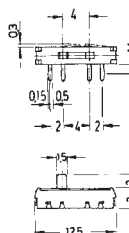


4

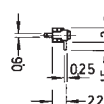
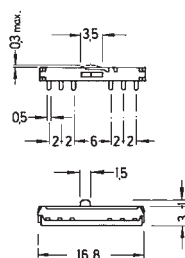
|                        |                                                       |
|------------------------|-------------------------------------------------------|
| Contact rating:        | 12 V DC, 200 mA                                       |
| Contact resistance:    | < 50 mΩ                                               |
| Insulation resistance: | > 100 MΩ at 500 V DC                                  |
| Dielectric strength:   | 500 V, 50 Hz for the duration of 1 minute             |
| Operating temperature: | – 10° to + 60° C                                      |
| Mechanical life:       | minimum 5000 operations                               |
| Contacts:              | phosphor bronze, silver-plated                        |
| Terminals:             | brass, silver-plated                                  |
| Contact timing:        | non-shorting                                          |
| Slide colour:          | white; MMP 122 – R: black                             |
| Soldering conditions:  | auto-soldering – max.: 3 sec ± 0,5 sec, 230° C ± 5° C |

MMP 122 – R on onMMP 124 – R on on

MMP 134 – R      on on on



MMP 224 – R      on      on





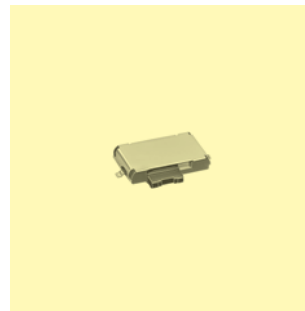
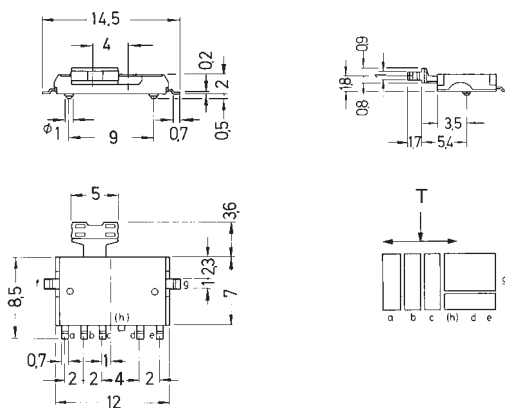
# Microminiature Slide Switches for SMT

## Specifications:

|                        |                                           |
|------------------------|-------------------------------------------|
| Contact rating:        | 12 V DC, 200 mA / 4 V DC, 300 mA          |
| Contact resistance:    | < 70 mΩ                                   |
| Insulation resistance: | > 100 MΩ at 100 V DC                      |
| Dielectric strength:   | 500 V, 50 Hz for the duration of 1 minute |
| Operating temperature: | – 10° to + 60° C                          |
| Mechanical life:       | minimum 10 000 operations                 |
| Contacts:              | phosphor bronze, gold-plated              |
| Terminals:             | brass, gold-plated                        |
| Contact timing:        | non-shorting                              |

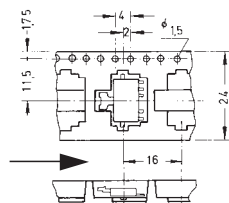
## Models:

MMSP 132      on on on  
with pushbutton function



Packing:

1000 pcs/reel



Ø 330 mm

Soldering conditions:

reflow-soldering – max.: 60 sec, 260° C ± 2° C

Minimum quantity 1 reel





|                        |                                           |
|------------------------|-------------------------------------------|
| Contact rating:        | 12 V DC, 200 mA / 6 V DC, 300 mA          |
| Contact resistance:    | < 70 mΩ                                   |
| Insulation resistance: | > 100 MΩ at 500 V DC                      |
| Dielectric strength:   | 500 V, 50 Hz for the duration of 1 minute |
| Operating temperature: | – 10° to + 60° C                          |
| Mechanical life:       | minimum 10 000 operations                 |
| Contacts/Terminals:    | copper alloy, silver-plated               |
| Contact timing:        | non-shorting                              |
| Slide colour:          | white                                     |

# Microminiature Slide Switches

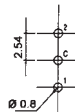
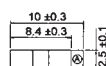
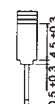
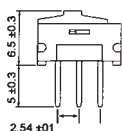


## Specifications:

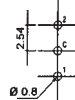
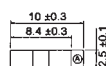
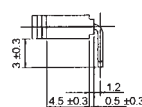
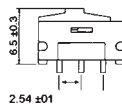
|                        |                                                       |
|------------------------|-------------------------------------------------------|
| Contact rating:        | 0,2A, 24 V DC / 0,5A, 12 V DC                         |
| Contact resistance:    | < 30 mΩ                                               |
| Insulation resistance: | > 1000 MΩ at 500 V DC                                 |
| Dielectric strength:   | 500 V, 50 Hz for the duration of 1 minute             |
| Operating temperature: | – 40° to + 85° C                                      |
| Mechanical life:       | minimum 10 000 operations                             |
| Contacts:              | phosphor bronze, gold-plated                          |
| Terminals:             | brass, gold-plated                                    |
| Contact timing:        | non-shorting                                          |
| Slide colour:          | white                                                 |
| Soldering conditions:  | auto-soldering – max.: 3 sec ± 0,5 sec, 260° C ± 5° C |

## Models: Switching functions

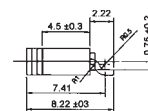
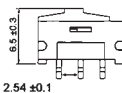
MMP 1010 D      on      on     



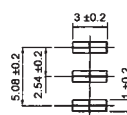
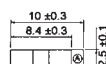
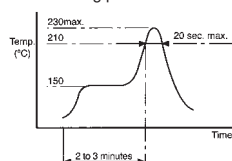
MMP 1010 D-RA      on      on     



MMS 1010 D-R      on      on     



Soldering profile MMS 1010 D-R





# Microminiature Slide Switches

## Specifications:

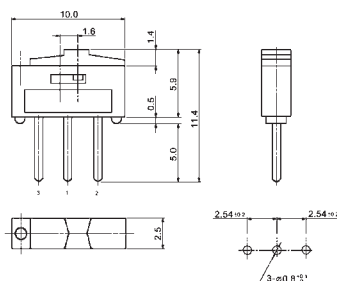
|                        |                                                       |
|------------------------|-------------------------------------------------------|
| Contact rating:        | 24 V AC/DC, 0,3A / 12 V AC/DC, 0,5A                   |
| Contact resistance:    | < 50 mΩ                                               |
| Insulation resistance: | > 500 MΩ at 500 V DC                                  |
| Dielectric strength:   | 500 V for the duration of 1 minute                    |
| Operating temperature: | – 25° to + 80° C                                      |
| Mechanical life:       | minimum 10 000 operations                             |
| Contacts:              | brass, gold-plated                                    |
| Terminals:             | brass, gold-plated                                    |
| Case:                  | PA                                                    |
| Soldering conditions:  | auto-soldering – max.: 5 sec ± 0,5 sec, 270° C ± 5° C |

## Models

## Switching functions

MMP 1010 D – 1

on on



MMP 1010 D-RA – 1

on on

