

## PCB terminal block - PTSM 0,5/ 2-2,5-H SMD WH R24 - 1814634

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PCB terminal block, Nominal current: 6 A, Nom. voltage: 250 V, Pitch: 2.5 mm, Number of positions: 2, Connection method: Spring-cage conn., Mounting: SMD/THT/THR, Conductor/PCB connection direction: 0 °

### Key commercial data

|                        |                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------|
| Packing unit           | 1 PCE                                                                                                  |
| Minimum order quantity | 770 PCE                                                                                                |
| GTIN                   | <br>4 046356 760386 |
| Custom tariff number   | 85369010                                                                                               |
| Country of origin      | GERMANY                                                                                                |

### Technical data

#### Dimensions

|             |        |
|-------------|--------|
| Length      | 9 mm   |
| Height      | 5 mm   |
| Pitch       | 2.5 mm |
| Dimension a | 2.5 mm |
| Pin spacing | 2.5 mm |

#### General

|                                  |                    |
|----------------------------------|--------------------|
| Range of articles                | PTSM 0,5/...-H-SMD |
| Insulating material group        | I                  |
| Rated surge voltage (III/3)      | 2.5 kV             |
| Rated surge voltage (III/2)      | 2.5 kV             |
| Rated surge voltage (II/2)       | 2.5 kV             |
| Rated voltage (III/3)            | 63 V               |
| Rated voltage (III/2)            | 250 V              |
| Rated voltage (II/2)             | 320 V              |
| Connection in acc. with standard | EN-VDE             |

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### Technical data

#### General

|                                         |                     |
|-----------------------------------------|---------------------|
| Nominal current $I_N$                   | 6 A                 |
| Nominal cross section                   | 0.5 mm <sup>2</sup> |
| Maximum load current                    | 6 A                 |
| Insulating material                     | PA                  |
| Oberfläche Lötpin                       | Sn                  |
| Inflammability class according to UL 94 | V0                  |
| Stripping length                        | 6 mm                |
| Number of positions                     | 2                   |

#### Connection data

|                                                                            |                      |
|----------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                         | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.                                         | 0.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.                                      | 5 mm <sup>2</sup>    |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 0.5 mm <sup>2</sup>  |
| Conductor cross section AWG/kcmil min.                                     | 26                   |
| Conductor cross section AWG/kcmil max                                      | 20                   |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141109 |
| eCl@ss 4.1 | 27141109 |
| eCl@ss 5.0 | 27141190 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27261101 |
| eCl@ss 7.0 | 27440401 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002637 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211801 |
| UNSPSC 7.0901 | 39121432 |
| UNSPSC 11     | 39121432 |

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### Classifications

#### UNSPSC

|              |          |
|--------------|----------|
| UNSPSC 12.01 | 39121432 |
| UNSPSC 13.2  | 39121432 |