

## Equipment marking - EML-ESD (50X10)RL-T - 0830587

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Equipment marking, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK X, THERMOMARK ROLL X1, Mounting type: Adhesive, Lettering field: 50 x 10 mm

The figure shows a version of the article

### Why buy this product

- Stick-on device marking, for ESD applications
- Static dissipative adhesive: prevents transmission of voltage and protects the component against electrostatic discharge
- Safe marking for sensitive components on PCBs

### Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 1 STK   |
| GTIN         | <br>4 046356 720267 |

### Technical data

#### Dimensions

|            |       |
|------------|-------|
| Length (b) | 50 mm |
| Width (a)  | 10 mm |

#### Ambient conditions

|                                 |                                |
|---------------------------------|--------------------------------|
| Ambient temperature (operation) | -40 °C ... 150 °C              |
| Ambient temperature (assembly)  | > 4 °C                         |
| Recommended storage conditions  | 22 °C / 50 % relative humidity |

#### General

|                                     |                                |
|-------------------------------------|--------------------------------|
| Color                               | white                          |
| Components                          | free from silicone and halogen |
| Material                            | Polyester                      |
| Wipe resistance                     | DIN EN 61010-1 (VDE 0411-1)    |
| Number of individual labels         | 10000                          |
| Number of individual labels per row | 1                              |
| RoHS compliant                      | Yes                            |
| Adhesive                            | Acrylic                        |
| File number                         | UL-MH48542 / PC-026            |

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## Technical data

### General

|   |                                     |
|---|-------------------------------------|
| Printability  | Thermal transfer                    |
| Device  | 5146477 THERMOMARK ROLL             |
|   | 5146723 THERMOMARK ROLL X1          |
|   | 5146231 THERMOMARK X1.2             |
|   | 5146257 THERMOMARK S1.1             |
| Ink ribbon  | 5145384 THERMOMARK-RIBBON 110       |
| Test for substances that would hinder coating with paint or varnish | VW PV 3.10.7:2005-02                |
| Result  | Test passed                         |
| Test specification weathering-resistance                            | Following ISO 4892-2:2013-03        |
| Test duration   | 96 h                                |
| Wipe resistance test result   | Test passed                         |
| Salt spray test specification                                       | DIN EN 60068-2-11:2000-02           |
| Test duration   | 96 h                                |
| Salt spray testing result   | Test passed                         |
| Alternating condensation climate with SO2 test specification        | Following DIN 50018:2013-05         |
| Climate level   | AHT 1.0 S                           |
| Cycles  | 2                                   |
| Condensation test result  | Test passed                         |
| Wipe resistance of test specification inscriptions                  | DIN EN 61010-1 (VDE 0411-1):2011-07 |
| Result  | Test passed                         |
| Foil strength   | 52 µm                               |
| Adhesive strength   | 24 µm                               |
| Marking mounting type   | Adhesive                            |

### Standards and Regulations

|                                  |                             |
|----------------------------------|-----------------------------|
| Connection in acc. with standard | UL                          |
| Wipe resistance                  | DIN EN 61010-1 (VDE 0411-1) |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 24190219 |
| eCl@ss 4.1 | 24190219 |
| eCl@ss 5.0 | 27149103 |
| eCl@ss 5.1 | 27141137 |
| eCl@ss 6.0 | 27141137 |
| eCl@ss 7.0 | 27141137 |
| eCl@ss 8.0 | 27149129 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC000761 |
|----------|----------|

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## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC000761 |
| ETIM 5.0 | EC001288 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11     | 39121410 |
| UNSPSC 12.01  | 39121410 |
| UNSPSC 13.2   | 39121410 |

## Approvals

### Approvals

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#### Approvals

UL Recognized

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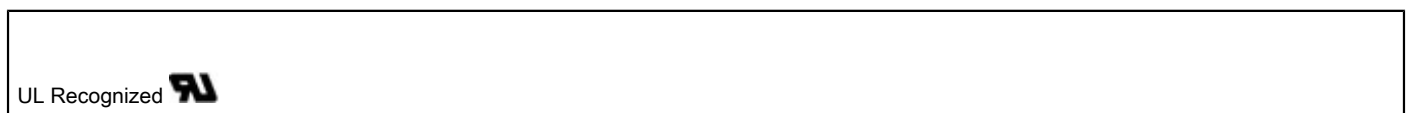
#### Ex Approvals

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Approvals submitted

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### Approval details



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