

## Equipment marking - EML-ESD (25X8)RL-T - 0830581

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Equipment marking, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X, Mounting type: Adhesive, Lettering field: 25 x 8 mm

The figure shows a version of the article

### Product Features

- 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 pc     |
| Weight per Piece (excluding packing) | 640.0 g  |
| Custom tariff number                 | 39199000 |
| Country of origin                    | Germany  |

### Technical data

#### Dimensions

|            |       |
|------------|-------|
| Length (b) | 25 mm |
| Width (a)  | 8 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                          |

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### Technical data

#### General

|   |                                     |
|---|-------------------------------------|
| Number of individual labels per row                                 | 1                                   |
| RoHS compliant  | Yes                                 |
| Adhesive  | Acrylic                             |
| File number   | UL-MH48542 / PC-026                 |
| 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 |

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### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| 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 |
| 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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|---|
| UL Recognized  |
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