

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Equipment marking - EML-ESD (24X4)R - 0830568

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Equipment marking, Roll, white, Unlabeled, Can be labeled with: Thermomark R, Thermomark S, Thermomark X, Mounting type: Adhesive, Lettering field: 24 x 4 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 PCE           |
|----------------------|-----------------|
| GTIN                 | 4 046356 720076 |
| Custom tariff number | 39199000        |
| Country of origin    | GERMANY         |

#### Technical data

#### General

| Length (b)                          | 24 mm                          |
|-------------------------------------|--------------------------------|
| Width (a)                           | 24 mm                          |
| Color                               | white                          |
| Wipe resistance                     | DIN EN 61010-1 (VDE 0411-1)    |
| Ambient temperature (operation)     | -40 °C 150 °C                  |
| Ambient temperature (assembly)      | 4 °C                           |
| Components                          | free from silicone and halogen |
| Material                            | Polyester                      |
| Number of individual labels         | 4000                           |
| Number of individual labels per row | 2                              |
| RoHS compliant                      | Yes                            |



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## Technical data

#### General

| Adhesive   | Acrylic                                   |
|--|---|
| Printability   | Thermal transfer                          |
| Device   | 5146477 THERMOMARK ROLL                   |
| Device   | 5146723 THERMOMARK ROLL X1                |
| Device   | 5145274 THERMOMARK X1.1                   |
| Device   | 5146231 THERMOMARK X1.2                   |
| Device   | 5146257 THERMOMARK S1.1                   |
| Ink ribbon   | 5145384 THERMOMARK-RIBBON 110             |
| Test specification weathering-resistance                     | Following ISO 4892-2:2006-02 + A1:2009-07 |
| Test duration  | 96 h                                      |
| Wipe resistance test result                                  | Test passed                               |
| Salt spray test specification                                | DIN EN ISO 9227:2012-09                   |
| Test duration  | 96 h                                      |
| Salt spray testing result                                    | Test passed                               |
| Alternating condensation climate with SO2 test specification | DIN 50018:1997-06                         |
| Climate level  | KFW 1.0 S                                 |
| Cycles   | 2   |
| Condensation test result                                     | Test passed                               |
| Foil strength  | 52 μm                                     |
| Adhesive strength  | 24 μm                                     |
|  |   |

## Classifications

#### **ETIM**

| ETIM 3.0 | EC000761 |
|----------|----------|
| ETIM 4.0 | EC000761 |
| ETIM 5.0 | EC000761 |

#### UNSPSC

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

### eCl@ss

| eCl@ss 4.0 | 24190219 |
|------------|----------|
| eCl@ss 4.1 | 24190219 |



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## Classifications

#### eCl@ss

| eCl@ss 5.0 | 27149103 |
|------------|----------|
| eCl@ss 5.1 | 27141137 |
| eCl@ss 6.0 | 27141137 |
| eCl@ss 7.0 | 27141137 |

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