LS-EMLP-AL (27X18) - Device marker

0831581

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Device marker, Aluminum label, unmarked, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: adhesive, Number of individual labels: 35, text field height: 18 mm, text field width: 27 mm

Your advantages

- Aluminum equipment marking for sticking on
- Identification made from metal, high strength in a lightweight design
- Increased durability due to the decoratively anodized surface

Commercial data

Item number	0831581
Packing unit	5 pc
Minimum order quantity	5 pc
Sales key	BG19
Product key	BG241D
GTIN	4046356925334
Weight per piece (including packing)	76.348 g
Weight per piece (excluding packing)	76.348 g
Customs tariff number	76169990
Country of origin	CN

Technical data

Product properties

Product type	Device marker

Marking

Number of individual labels	35
Identification technology	Direct laser marking

Dimensions

Width	27.00 mm
Height	17.60 mm
Depth	1.05 mm

Text field

Text field width	27 mm
Text field height	18 mm

Material specifications

Foil strength	800 µm
Adhesive strength	250 µm
Adhesive	Acrylic
Color	aluminum color
Base element material	Aluminum
Components	free from silicone, halogen, and cadmium

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-25 °C ... 120 °C (At temperatures above 80 °C there might be a slight change to the material surface)
Recommended ambient temperature (storage/transport)	23 °C
Recommended humidity (storage/transport)	50 % (Storage in a dry and dark place in the original packaging is recommended)

Test for substances that would hinder coating with paint or varnish

Testing for paint wetting impairment substances (LABS-conformity)	VW PV 3.10.7:2005-02
Result	Test passed

UV resistance

Specification	DIN EN ISO 4892-2:2021-11 (following)
Result	Test passed
Test duration	96 h
Procedure	Artificial irradiation.

Wipe resistance of inscriptions

Specification	DIN EN 61010-1 (VDE 0411-1):2011-07
	DIN EN 62208 (VDE 0660-511):2012-06 (in parts)
Isopropanol (99%) [67-63-0]	Test passed
n-Hexane [CAS No. 110-54-3]	Test passed
Water + Petroleum ether [CAS No. 64742-82-1]	Test passed

Testing in a condensation changing climate in the presence of sulfur dioxide

Specification	DIN EN ISO 22479:2022-08
Result	Test passed
Procedure	Method B
Cycles	2

Salt spray test

Specification	DIN EN IEC 60068-2-11 (VDE 0468-2-11):2022-10
Result	Test passed
Test duration	96 h

High pressure test

Specification	ISO 20653:2013-02
Result	Test passed
IP-Code	IP X9K

Mounting

Mounting type	adhesive

Classifications

ECLASS

ECLASS-13.0	27281103
ECLASS-15.0	27281103

ETIM

ETIM 10.0	EC001288

UNSPSC

UNSPSC 21.0	39131500

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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