

High-temperature label - EML-HT (50X10)R - 0800338

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High-temperature label, for thermal transfer printers, resistant for 60 s at up to 300°C

Your advantages

- ✓ The EML-HT label is made of an acrylate film that is highly temperature-resistant. It can be used for marking printed circuit boards and in all industrial soldering processes.
- ✓ Continuous temperature range of -40°C to +180°C, +300°C for up to 60 seconds
- ✓ When combined with the THERMOMARK-RIBBON 110 EML-HT ink ribbon, the marking is highly resistant to high temperatures and chemicals
- ✓ The EML-HT ... materials are UL-listed
- ✓ Labeling service: Phoenix Contact can custom-label all EML-HT ... markers in accordance with your requirements

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 579643
GTIN	4046356579643

Technical data

Dimensions

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

Ambient conditions

Ambient temperature (operation)	-40 °C ... 180 °C
Ambient temperature (assembly)	> 4 °C
Recommended storage conditions	23 °C / 50% relative humidity. Storage in poly bags is recommended prior to processing.
Short-term temperature	300 °C (1 minute, maximum)

General

Color	white
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Technical data

General

Components	free from silicone and halogen
Material	Acrylate
RoHS compliant	Yes
Wipe resistance	DIN EN 61010-1 (VDE 0411-1)
Number of individual labels	1000
Number of individual labels per row	1
Adhesive	Acrylic
Printability	Thermal transfer
Device	5146477 THERMOMARK ROLL
	5146723 THERMOMARK ROLL X1
	5146231 THERMOMARK X1.2
Ink ribbon	0800342 THERMOMARK-RIBBON 110-EML-HT
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
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
Foil strength	50 µm
Adhesive strength	20 µm
Marking mounting type	adhesive

Standards and Regulations

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

Environmental Product Compliance

China RoHS	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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Approvals

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UL Recognized

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Approvals

Ex Approvals

Approval details

UL Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

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PHOENIX CONTACT GmbH & Co. KG
Flachmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>