

High-temperature label - EML-HT (8X8)R - 0800340

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

The figure shows the EML (40x8)R version

Product Features

- For PCB marking, can be used in all industrial soldering processes
- High weathering and chemical resistance
- Continuous temperature range of -40°C to +180°C, +300°C for up to 60 seconds
- White acrylate label with high level of temperature resistance
- Labeling service: Phoenix Contact can custom-label all EMLHT ... markers according to your requirements
- The EMLHT ... materials are UL-listed



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	220.0 g
Custom tariff number	39199000
Country of origin	Germany

Technical data

Dimensions

Length (b)	8 mm
Width (a)	8 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.

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Technical data

Ambient conditions

Short-term temperature	300 °C (1 minute, maximum)
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General

Color	white
Components	free from silicone and halogen
Material	Acrylate
Wipe resistance	DIN EN 61010-1 (VDE 0411-1)
Number of individual labels	4000
Number of individual labels per row	4
RoHS compliant	Yes
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
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	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)

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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 2.0	EC000761
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

Approvals

UL Recognized

Ex Approvals

Approvals submitted

Approval details

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Approvals

UL Recognized 

Accessories

Accessories

Ink ribbon

Ink ribbon - THERMOMARK-RIBBON 110-EML-HT - 0800342



Ink ribbon for EMLHT high-temperature labels, length: 300 m, width: 110 mm, ink color: black

Mouser Electronics

Authorized Distributor

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Phoenix Contact:

0800340