



## HL Cable Marker

HL Cable Markers are flat, non-adhesive labels that can be used to identify large cables and wire bundles in particularly aggressive environments. Cable Markers can be applied post cable termination using cable ties.

Manufactured using a specially developed radiation cross-linked flame retarded polymer. Typical installations include mass transit, Military and Aerospace.

Presented as organised markers assembled onto either a fanfold or reeled paper carrier to allow for greater range of printing formats and kitting.

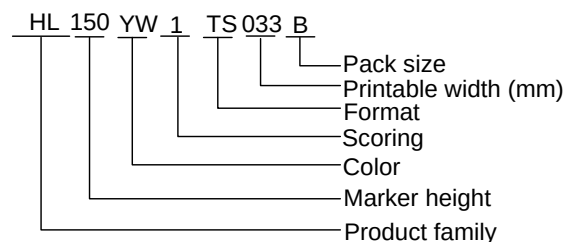
### KEY FEATURES

- Highly flame resistant (Excellent resistance to burning - Oxygen Index 35%)
- Resistant to key industrial and military grade fluids (defined by RW-2513)
- Available in several height/width combinations, and non-standard color options

### APPLICATIONS

- Post termination cable identification
- Identification of large cables, wire bundles or pipework
- Installation friendly – easy to replace, ideal for retrofitting and repairs. Only tie wraps are needed.
- Mass transit, Rail, Aerospace, Marine, Military and Industrial

### PART DESCRIPTION



### TEMPERATURE RATING

Operating Temperature Range -55°C to 135°C (-67°F to 275°F)

### ENVIRONMENTAL

The Cable Marker, including the print, does not promote mould growth (ASTM G21 / 28 days – zero rating)

Does not migrate materials which will damage or corrode the surrounding environment, including the conductor

Further information and a downloadable declaration covering RoHS and REACH compliance can be found at the TE Product Compliance Support Centre:

<http://www.te.com/en/resources/product-compliance.html>

### SPECIFICATIONS / APPROVALS

#### TE Connectivity Standard

- RW-2513

#### Industrial

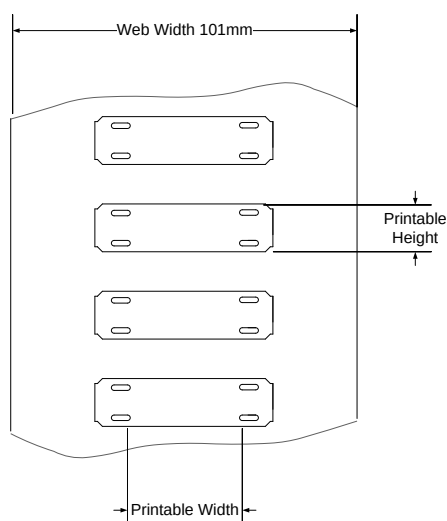
- EN45545-2 'Hazard Classification 3' Requirement Set R24

Where possible, TE have tested product as a finished item, including the print. Operational tests are followed by an assessment of mark adherence to validate fit form and function. Further details can be found in TE standard RW-2539.

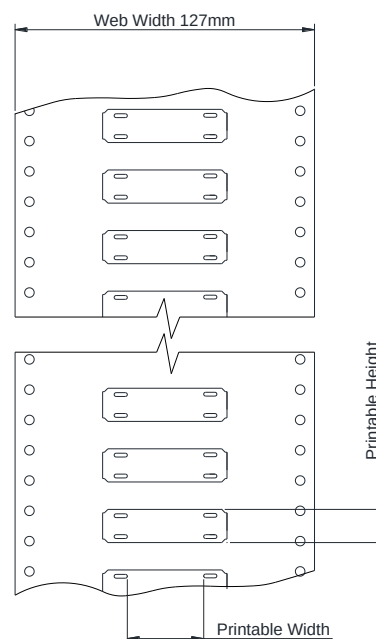
## ORDERING INFORMATION

## AVAILABLE FORMATS

## HL Cable Marker



Typical layout for HL\*\*\*\*TS



Typical layout for HL\*\*\*\*NF

| Part Description              | Marker Dimensions<br>(Width x Height) |            | Printable Area<br>(Width x Height) |            | Pack Size |      |
|-------------------------------|---------------------------------------|------------|------------------------------------|------------|-----------|------|
|                               |                                       |            |                                    |            | NF        | TS   |
|                               | mm                                    | Inches     | mm                                 | Inches     |           |      |
| HL104 <COLOR> 1 <FORMAT> 025B | 45.0 x 10.4                           | 1.80 x 0.4 | 25 x 10.4                          | 1.00 x 0.4 | 550       | 1000 |
| HL104 <COLOR> 1 <FORMAT> 033B | 52.0 x 10.4                           | 2.10 x 0.4 | 33 x 10.4                          | 1.30 x 0.4 | 550       | 1000 |
| HL104 <COLOR> 1 <FORMAT> 038B | 58.0 x 10.4                           | 2.30 x 0.4 | 38 x 10.4                          | 1.50 x 0.4 | 550       | 1000 |
| HL104 <COLOR> 1 <FORMAT> 050B | 70.0 x 10.4                           | 2.75 x 0.4 | 50 x 10.4                          | 2.00 x 0.4 | 550       | 1000 |
| HL104 <COLOR> 1 <FORMAT> 070B | 90.0 x 10.4                           | 3.50 x 0.4 | 70 x 10.4                          | 2.75 x 0.4 | 550       | 1000 |
| HL150 <COLOR> 1 <FORMAT> 025B | 45.0 x 15.0                           | 1.80 x 0.6 | 25 x 15.0                          | 1.00 x 0.6 | 550       | 500  |
| HL150 <COLOR> 1 <FORMAT> 033B | 52.0 x 15.0                           | 2.10 x 0.6 | 33 x 15.0                          | 1.30 x 0.6 | 550       | 500  |
| HL150 <COLOR> 1 <FORMAT> 038B | 58.0 x 15.0                           | 2.30 x 0.6 | 38 x 15.0                          | 1.50 x 0.6 | 550       | 500  |
| HL150 <COLOR> 1 <FORMAT> 050B | 70.0 x 15.0                           | 2.75 x 0.6 | 50 x 15.0                          | 2.00 x 0.6 | 550       | 500  |
| HL150 <COLOR> 1 <FORMAT> 070B | 90.0 x 15.0                           | 3.50 x 0.6 | 70 x 15.0                          | 2.75 x 0.6 | 550       | 500  |
| HL203 <COLOR> 1 <FORMAT> 025B | 45.0 x 20.3                           | 1.80 x 0.8 | 25 x 20.3                          | 1.00 x 0.8 | 550       | 500  |
| HL203 <COLOR> 1 <FORMAT> 033B | 52.0 x 20.3                           | 2.10 x 0.8 | 33 x 20.3                          | 1.30 x 0.8 | 550       | 500  |
| HL203 <COLOR> 1 <FORMAT> 038B | 58.0 x 20.3                           | 2.30 x 0.8 | 38 x 20.3                          | 1.50 x 0.8 | 550       | 500  |
| HL203 <COLOR> 1 <FORMAT> 050B | 70.0 x 20.3                           | 2.75 x 0.8 | 50 x 20.3                          | 2.00 x 0.8 | 550       | 500  |
| HL203 <COLOR> 1 <FORMAT> 070B | 90.0 x 20.3                           | 3.50 x 0.8 | 70 x 20.3                          | 2.75 x 0.8 | 550       | 500  |
| HL253 <COLOR> 1 <FORMAT> 025B | 45.0 x 25.3                           | 1.80 x 1.0 | 25 x 25.3                          | 1.00 x 1.0 | 300       | 250  |
| HL253 <COLOR> 1 <FORMAT> 033B | 52.0 x 25.3                           | 2.10 x 1.0 | 33 x 25.3                          | 1.30 x 1.0 | 300       | 250  |
| HL253 <COLOR> 1 <FORMAT> 038B | 58.0 x 25.3                           | 2.30 x 1.0 | 38 x 25.3                          | 1.50 x 1.0 | 300       | 250  |
| HL253 <COLOR> 1 <FORMAT> 050B | 70.0 x 25.3                           | 2.75 x 1.0 | 50 x 25.3                          | 2.00 x 1.0 | 300       | 250  |

## HL Cable Marker

### OPTIONS

|                           |                                                           |                                              |        |
|---------------------------|-----------------------------------------------------------|----------------------------------------------|--------|
| Prescoring                | Not available on this item - always set to '1'            |                                              |        |
| Pack sizes                | Standard pack sizes only on this item - always set to 'B' |                                              |        |
| Colors                    | Standard                                                  | White                                        | Yellow |
|                           | Code                                                      | WE                                           | YW     |
|                           | Non standard                                              | Red                                          | Blue   |
|                           |                                                           | RD                                           | BE     |
| Format                    | NF                                                        | Dot Matrix Printing (fanfold - single sided) |        |
|                           | TS                                                        | Thermal Transfer (reel - single sided)       |        |
| Printable width on marker | 025                                                       | 25mm (1 inch)                                |        |
|                           | 033                                                       | 33mm (1.3 inches)                            |        |
|                           | 038                                                       | 38mm (1.5 inches)                            |        |
|                           | 050                                                       | 50mm (2 inches)                              |        |
|                           | 070                                                       | 70mm (2.75 inches)                           |        |

Ordering information: Specify product name, marker height, color, scoring option (always 1), format, printable width and pack size (always B) e.g. HL150YW1NF033B.

### PRINTER INFORMATION

Print Quality and Print Performance can only be guaranteed when specific TE printer and ribbons are used.

The current list of printers and ribbons can be found in TE document 411-121005 '**Identification Printer Product Ribbon Matrix**'

This document can be found at the TE document centre:  
<http://www.te.com/commerce/DocumentDelivery/DDEController>

### SOFTWARE

Cable Markers are fully supported by WINTOTAL and PrintEasy label printing software, available from the TE product store:

<http://www.te.com/en/general/label-printing-software.html>

Contact a TE representative for further information

*While TE has made every reasonable effort to ensure the accuracy of the information in this document, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this document are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.*

\*Trademark. TE Connectivity, TE connectivity (logo), and TE (logo) are trademarks. Other logos, product and/or company names may be trademarks of their respective owners.

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9