



Hella KGaA Hueck & Co.
59552 Lippstadt

MAT-Label Specification Hella Specific Requirements

Hella-Norm
N67600-01

Modifications

None, First edition

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Introduction

This document describes specific requirements concerning the MAT-Label Specification for the company Hella KGaA Hueck & Co.

1 MAT-Label print-out style-sheet

The MAT-Label specification contains a number of recommendations for the print-out style sheet. For Hella, please use **example #1** from Appendix A as basis for your print-out style sheet. If your smallest package unit requires a smaller size label please use **example #6**. For the exceptional case that your smallest package unit requires a minimum size label, please use **example #8**.

Please note that the print-out style sheet is not fixed but may be modified according to your printer, label size/format, etc, if necessary. In any case, please observe the following points during the creation of your print-out style-sheet:

- as 2D-Code, Hella requires the Data Matrix code type (see specification chapters 7.4 – 7.5). The PDF 417 code type is not permitted for Hella.
- the information fields, which have to be printed as clear-text are given in the table in chapter 7.3
- include the BC128 barcodes (see chapters 7.3 and 7.4)

During the creation of your print-out style sheet, please note the information on how to create print-out style sheets as given in chapter 7.1

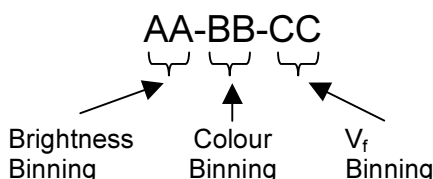
2 Data Field „Additional Part Information“

The data field „Additional Part Information“ (MAT-Label Specification, chapter 7.3, number 9) is intended to be used flexibly for different specific cases, e.g. for brightness classes for LEDs.

Please fill this data field as defined in the following:

- **LED (Light Emitting Diode)**

For LEDs, the data field „Additional Part Information“ must be filled by a code according to the following rule:



Datum:
Date:
2008-11-14

Bearbeitet:
Prepared:
CDI-E Plößner

Fachverantwortlich:
Responsible for content:
CPM-QME Dr. Lahl

Freigabe:
Release:
CPM Jungbluth

Ersatz für:
Replaces:

Ausgabe:
Edition:

Seitenzahl:
Number of pages: 2

Seite:
Page: 1

As binning formalism, the LED manufacturer's binning shall be used.

Use the minus sign as separator. No spaces allowed.

Giving a range of binnings is not allowed. The bin of the LEDs which are contained in the smallest package unit must be described exactly by the given binning information.

If the LED contains several chips, then concatenate the binning-information for the individual chips separated by a „+“ symbol. The order of the binning-Information for the individual chips must then correspond to the order in the data sheet.

Example for a 2-chip LED: „AA-BB-CC+DD-EE-FF“

The binning code may have more or less characters for a binning than the indicated 2 characters in the above example. Only, please observe the maximum number of characters for the data field „Additional Part Information“.

For LEDs, this data field „Additional Part Information“ must also be printed as plain text on the MAT-Label.

▪ **Other components**

For components other than LEDs, there is currently no requirement to fill the data field „Additional Part Information“. Please leave it empty but include the data identifier and separator in the 2D-code.

3 Data Field „Manufacturer Number“

For electronic components, Hella has defined a unique manufacturer number for each released manufacturer at Hella.

This manufacturer number must be given in the data field „Manufacturer Number“ (MAT-Label Specification, chapter 7.3, number 6).

Please obtain your manufacturer number from your technical contact at Hella.

4 Data Field „Customer Part Number“

In the data field „Customer Part Number“, please format the Hella Part Number (SAP Material Number) with dot and minus sign.

This format corresponds to the standard format in purchase orders (MAT-Label Specification, chapter 7.3).

Example: „123.456-78“

5 Data Field „Ordering Code“

If no „Ordering Code“ is used for the part (e.g. for electronic components), please repeat the „Customer Part Number“ in the data field „Ordering Code“.

6 Data Field „Revision Level / Index“

If no „Revision Level“ or „Index“ is used for the part (e.g. for electronic components), please leave this data field empty.