

SKiM[®]
IGBT Modules

Technical Explanations

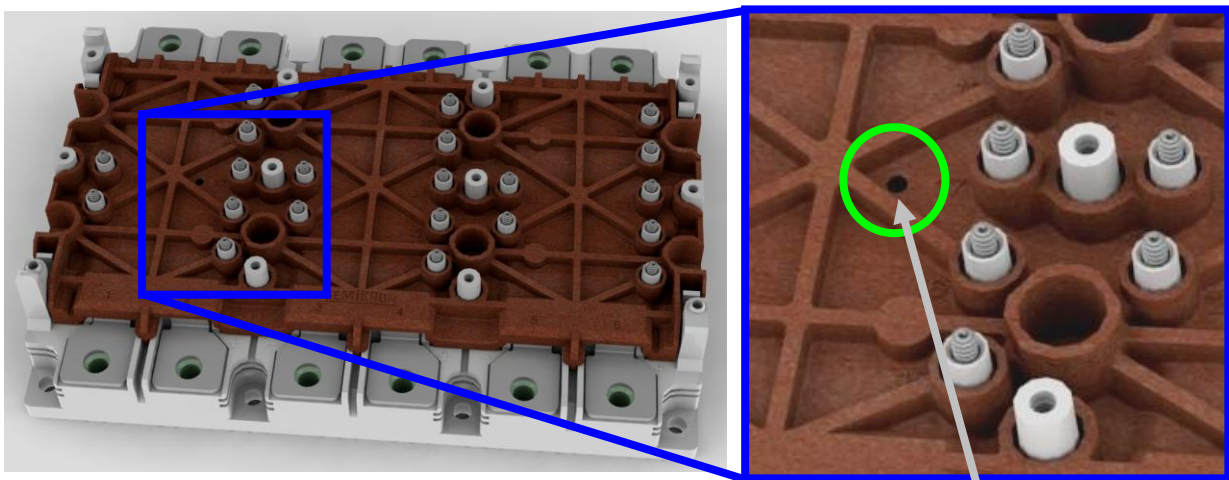
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Demuth / Winterholler

Content

1	Marking	2
1.1	“Passed” marking on housing	2
1.2	Laser Marking for Modules	2
1.3	Data Matrix Code	3
2	Disclaimer	3

1 Marking

1.1 “Passed” marking on housing



Pre-assembled housings are 100% in-line tested.

A “passed” test result will be marked with a black dot.

Black test dot

1.2 Laser Marking for Modules

All SKiM modules are laser marked. The marking contains the following items (see Fig. 1-1):

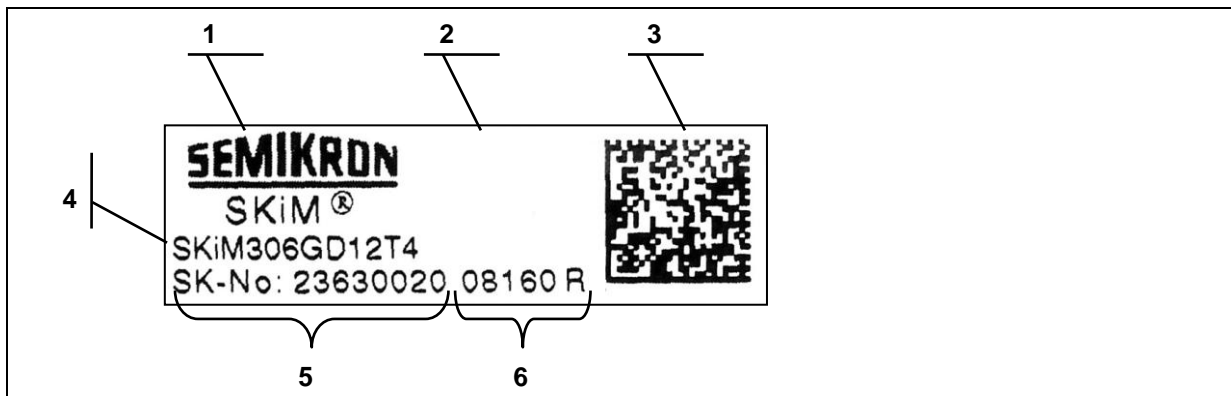


Fig. 1-1 Typical laser marking of SKiM module

- 1 SEMIKRON logo, with product line designation “SKiM®”
- 2 UL logo, SKiM is **going to be** UL recognised, file name: E63532

- 3 Data Matrix Code (refer also to section "Data Matrix Code")
- 4 Type designation, for details refer to section "Type Designation System"
- 5 SEMIKRON order code
- 6 Date code – 5 digits: YYMML (L = Lot of same type per week)
The date code might be followed by
 - ◆ "R" if the module is in accordance with the RoHS directive
 - ◆ "E" for engineering samples

1.3 Data Matrix Code

The Data Matrix Code is described as follows:

- ◆ Type: EEC 200
- ◆ Standard: ISO / IEC 16022
- ◆ Cell size: 0.46 mm
- ◆ Field size: 24 x 24
- ◆ Dimension: 11 x 11 mm plus a guard zone of 1 mm (circulating)
- ◆ The following data is coded:

1	2	3	4	5	6	7	8	9	10	11
SKiM503GB126HDs		27160012	6DE020381201		0	1		0001		06130

1	16	digits	Type designation	7	1	digit	Line identifier (production)
2	1	digit	Blank	8	1	digit	Blank
3	10	digits	Part number	9	4	digits	Continuous number
4	12	digits	Production tracking number	10	1	digit	Blank
5	1	digit	Blank	11	5	digits	Date code
6	1	digit	Measurement number				

Total: 53 digits

2 Disclaimer

The specifications of our components may not be considered as an assurance of component characteristics. Components have to be tested for the respective application. Adjustments may be necessary. The use of SEMIKRON products in life support appliances and systems is subject to prior specification and written approval by SEMIKRON. We therefore strongly recommend prior consultation of our personal.