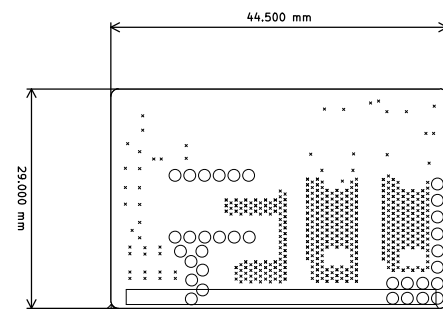
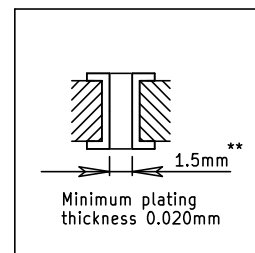


TOTAL HOLES: 665

TOTAL HOLES: 33



Manuf. Datacode, UL and Company Logo (Solder Resist, Top Side)



- 1) Manufactured acc.to the current IPC-6011, IPC-6012 and IPC-A-600, class 2 directives
- 2) UL-recognized component
- 3) Date-of-manufacture code (YYWW)
- 4) Through-hole plating acc. to IPC-6012, class 3
- 5) Aperture increase is not allowed for the solder resist mask.
- 6) Photo-sensitive solder resist, acc. to IPC-SM-840, class T
- 7) Surface finish ENIG. Gold Thickness:
  - Minimum Thickness Specification 0.05um
  - Maximum thickness Specification 0.15um
- 8) The surface finished areas must be free from silkscreen.  
PLEASE CORRECT THE RESPECTIVE FILM.
- 9) Tested electrically with  $DC \geq 100V$  for short-circuits and breaks
- 10) All undefined dimensions are valid acc. to the GERBER files for the finished PCB.
- 11) The layout track spacings (GERBER files) are minimum values for the finished PCB.
- 12) PCB contour milled or scored
  - Milling tolerances  $\pm 0.15mm$
  - Scoring tolerances  $\pm 0.2mm$
  - Scored with cutting blade  $30^\circ$
  - Web-thickness  $0.5mm \pm 0.1mm$
- 13) Vias filled and capped acc. to IPC-4761, Type VII

## Specifications

- |                       |                           |
|-----------------------|---------------------------|
| 1) PCB                | See cross-section         |
| 2) Material           | ARLON92ML                 |
| 3) Board thickness    | See Cross-Section         |
| 4) Solder resist      | Yes (Green)               |
| 5) Silkscreen         | No                        |
| 6) Certification      | UL Recognized (CCN:ZPMV2) |
| 7) Flammability class | 94V-0                     |
| 8) Tg                 | ≥ 150°C                   |
| 9) CTI                | ≥ 175°C                   |
| 10) RoHS compliant    |                           |

All materials used, and finished product, must meet the requirements of the current EU RoHS directive.

ECAD used: KiCad 5.1.6
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Material
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Finish
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Tolerances unless otherwise stated		
0.5-30: +0.1	30-120: +0.15	>120: +0.2

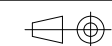
Issued	2019-10-30	Michal Sir
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Modified	2020-02-16	Michal Sir
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PCB IMS Half-Bridge GS66516B

	Size
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Scale



Sheet

1/1

Revision