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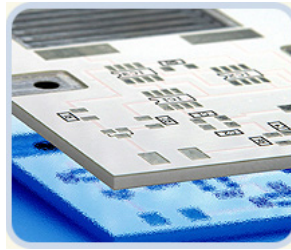
1 von 3

05.03.2011 11:03

IMS PCB PROTOYPES WITH ALUMINIUM CORE

The abbreviation IMS stands for Insulated Metal Substrates. With IMS printed circuit boards instead of the usual base material, aluminium is used as the carrier for copper.

Aluminium core printed circuit boards are used for the thermal management of the circuit. High power LEDs are the most well-known example of it. In addition, parts for controls, power transducers etc. are often developed with IMS PCBs.



Presently we offer aluminium core printed circuit boards with the following technology in the IMS POOL:

- 1.5 mm

only 117,81 €	
for 5 pcs: 53,55 €	
for 10 pcs: 27,90 €	
for 20 pcs: 22,13 €	
for 30 pcs: 16,36 €	
for 40 pcs: 13,46 €	
for 50 pcs: 11,54 €	
Price per dm ² with a delivery time of 8 days (shipping not included)	

thickness

- Isolation layer : 100µm
- Copper : 35µm Cu single sided

Calculate the cost of your personal IMS prototype easily online using the [following link](#).

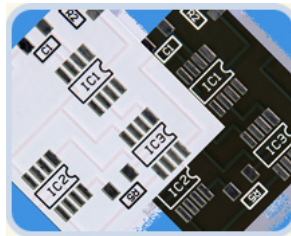
SOLDERMASK & SILKSCREEN

Depending on whether light is to be absorbed or reflected, you can select between green, black or white soldermask

Silkscreen colours of black and white are available in the aluminium core PCB-POOL® service.

Soldermask for one-sided printed circuit boards costs 17,44 EUR (independent of size)

Silkscreen costs 17,44 EUR (independent of size)

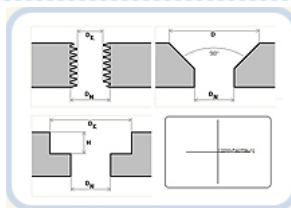


MECHANICAL PROCESSING

Would you like to mount your IMS (Insulated Metallic Substrate) PCB? No problem!

For an optional extra charge it is possible to integrate threads, counter-sunk drills and depth milling. Such data must be delivered separately and is only accepted by us in DXF or Target Front Panel Designer formats.

[[Download the specifications](#)]



ELECTRICAL TEST

We test your PCBs for a **fixed price**, independent of the amount of test points & **100 %** against your gerber data !

We think that's **value for money!**

IMS prototype singlesided

E-Test per dm² for PCBs cost 12.31 EUR

Price example : Eurocard
100 mm x 160 mm = 1.6 dm²
1.6 dm² x 12.31 EUR/dm² = 19.70 EUR

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