

PCB - Printed Circuit Boards

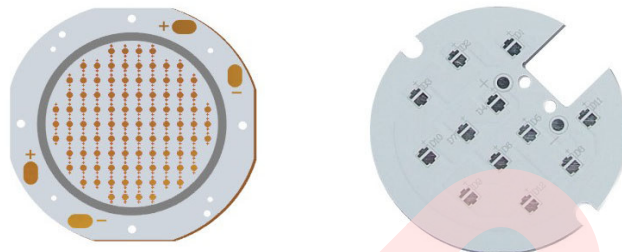
Aluminium Base PCB - Process parameters

ELECSOUND®

Elecsound is a leading manufacturer of Printed Circuit Boards with more than 10 years experiences in manufacturer

Applications

- Fluorescent aluminum plate
- Street light aluminum plate
- Bulb aluminum plate
- Simple light aluminum plate
- Spotlights aluminum plate
- Ceiling aluminum plate
- COB aluminum plate
- Specialty : Copper substrates , Iron base board



Process parameters

Content	Capability
Board classification	Aluminum base board, Copper base board, Iron base board , Ceramic base board, Combined base board
Material	Imported aluminum ,Imported copper, Demostic aluminum, Demostic copper
Surface treatment	HASL,Chemical Tin,ENIG(Immersion GOLD),OSP,IMT,Plating silver
Layer	Single-sided,double-sided and 4 layers
Maxi. board size	1200mmX480mm
Min.board size	5mmX5mm
Line width/space	0.1mm/ 0.1mm
Warp and twist	$\leq 0.5\%$ (thickness :1.6mm ,Board size: 300mmX300mm)
Board thickness	0.3mm-4.5mm
Copper foil thickness	35um/70um/105um/140um
Outline Tolerance	CNC routing: +/-0.1mm , Punching: +/-0.1mm
V-CUT registration	+/-0.15mm
Hole wall copper thickness	20um-25um
Min. registration of hole position	+/-3mil(+/-0.76mm)
Min.punching hole	1.0mm(Board thickness below 1.0mm .)
Min.Punching Square slot	(Board thickness below 1.0mm, 1.0mmX1.0mm)
Registration of printed circuit	+/-0.076mm
Min.drill hole diameter	0.6mm
Thickness of surface treatment	Plating Gold:(Ni4um-6um ,Au 0.1um-0.5um), Immersion GOLD: (Ni 5um-6um,Au:0.0254um-0.127um), Plating Silver:(Ag 5um-8um), HASL:10um-100um
V-CUT degree tolerance	+/-5(degree)
V-CUT Board thickness	0.6mm-3.2mm
Min.Legend width	0.15mm
Min.Solder mask opening	0.1mm

Elecsound Technology Company Limited

TEL: 0086-755-82908842

FAX: 0086-755--83045964

Website: www.elecsound.com

Email: sales@elecsound.com