

Insulated Metal Substrate PCBs

Item	2019	2020	2021
Sheet Size	1250*600mm	1250*600mm	1250*600mm
Maximum Layers	6L	8L	8L
Minimum Metal Base Thickness	0.4mm	0.3mm	0.3mm
Maximum Metal Base Thickness	5.0mm	5.0mm	5.0mm
Minimum Thermal Conductive Layer Thickness	0.038mm	0.038mm	0.038mm
Thinnest Core Plate Thickness	0.075mm	0.075mm	0.075mm
Thermal Conductivity	1-8W/m.K	1-8W/m.K	1-8W/m.K
Breakdown Voltage	5KVAC	6KVAC	6KVAC
Minimum Inner Layer Trace Width / Spacing	0.075/0.075mm	0.075/0.075mm	0.075/0.075mm
Minimum Outer Layer Trace Width / Spacing	0.075/0.075mm	0.075/0.075mm	0.075/0.075mm
Maximum Copper Thickness	6OZ	6OZ	6OZ
Minimum Aluminum Based Drilling Hole Diameter	0.55mm	0.55mm	0.55mm
Minimum Copper Based Drilling Hole Diameter	0.65mm	0.65mm	0.65mm
Contour Tolerance	±0.1mm	±0.1mm	±0.1mm
Special Processes	COB, Carved Cup, Copper Inlay, Pedestal, Resin Slot		