

Aluminium base copper clad performance tables

type specification

product model	AL-01-B(100-150um)
Product thickness	copper foil: 1--15 oz, copper plate: 0.8 -- 5.0 mm (tolerance range $\pm$ 0.10mm)
Product specification	1000*1200mm

performance index

Item	experiment condition	Unit	1.0W	1.5W	2.0W	2.7W
Thermal conductivity	ASTM D5470	W/m. K	≥0.8	≥1.2	≥1.5	≥2.0
Thermal resistance	Inteernal T0-220 Test	℃/W	0.45	0.45		0.3
Solder resistance	288℃	Sec	60			
Peel strength normal status	After Thermal Stress	N/mm	1.2			
Volume resistivity normal status	C-96/35/90 E-24/125	MΩ . cm	108 106			
Surface resistivity normal status	C-96/35/90 E-24/125	MΩ . cm	107 106			
Dielectric constant	C-96/35/90+Recovery	1MHz	4.9			
Dissipation Factor	C-96/35/90+Recovery	1MHz	≤0.02			
Break down Volte	D-48/50+D-0.5/23	KV	3KV/DC			
Raise camber	IPC	%	0.5			
Flameability	UL94		V-0			
CTI	IEC60112		600			
TG	DSC	℃	120			

- The power is hybrid IC(HIC)
- Voice frequency equipment:input, output amplifier, compensating capacitor, the voice frequency amplifier, preamplifier, power amplifier etc..
- Power supply equipment:series voltage regulation, switch modulator, and DC-AC transducer...etc..
- Telecommunication electron equipment:high frequency amplifier, filter telephone, send a telegram telephone.
- Office automation:the printer driver, big electronic display substrate and thermal print A class.
- Autocar:the igniter, power supply modulator and swap transform machine, power supply controller, become only system etc..
- Calculator:CPU board, soft pan driver, and power supply device...etc..
- Power mold mass:change to flow a machine, solid relay, commutate bridge etc..
- LED light, heat and water expense:big power LED light, LED wall etc..

HUIZHOU BOYU TECHNOLOGY CO.,LTD

Hatchie Industrial Zone Ruhu, Huizhou
city, Guangdong Province, China
TEL:0752-5317069 FAX : 0752-5317060
E-mail: hzsby2009@163.com
Http://www.Hzsby.cn