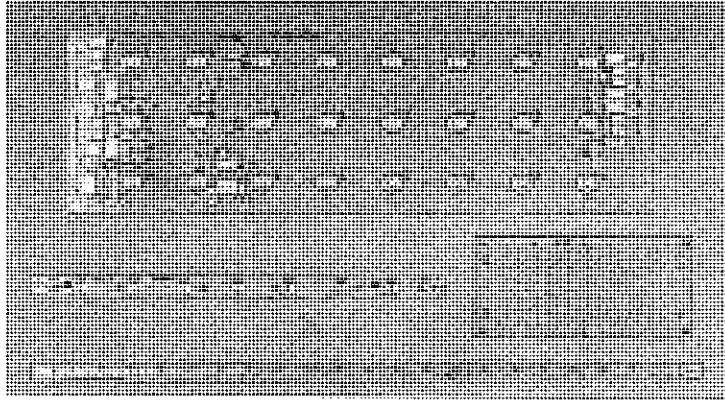
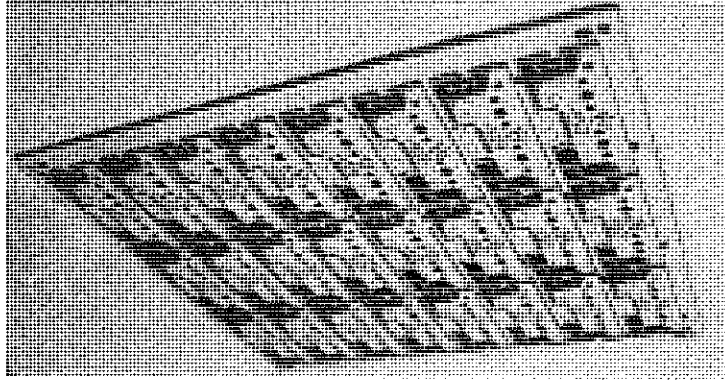


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Light bar/board for LED lighting



Automotive Electronics



- Automotive Electronics
- High Brightness LED
- Power Electronics

APPLICATIONS

- Excellent heat dissipation
- Excellent thermal and insulation reliability
- Excellent withstand voltage
- Superior processability
- High CTI

FEATURES

KW-ALE Aluminum Base Copper Clad Laminate

Kinwong Electronic Technology (Longchuan) Co., Ltd.

景旺电子科技(龙川)有限公司



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Standard Size	Max: 457×640 (mm)	
Masking Film	PBT/PI Film	
Al	1050, 5052, 6061	0.8, 1.0, 1.2, 1.5, 2.0, 3.0 (mm)
Dielectric Layer	Epoxy resin filled with inorganic filler	80~200 ±30(µm)
Copper	E/D Cu	1/2, 1, 2, 4 (oz)
Type	Thickness	

PURCHASING INFORMATION

Test Item	Test Condition	Unit	Property Data
Peel Strength	A	N/mm	1.3
Flammability	94-V0	\	V-0
Volume resistivity	E-24/125	MΩ·cm	>10 ⁷
Surface resistivity	E-24/125	MΩ	>10 ⁷
Dielectric constant	1 GHz	\	4.5
Dissipation Factor	1 GHz	\	0.027
Thermal Impedance	ASTM D5470	m ² ·K/W	0.00011
Thermal Conductivity	ASTM D5470	W/(m·K)	2.0
Solder Heat Resistance	288°C	sec	>360
Hi-pot Test	DC	KV	2.0
Breakdown Voltage	AC	KV	>5
	DC	KV	>5
Tg	DSC	°C	120
Td	5% Loss	°C	340
Water Content	D-24/23	%	0.06
CTI	IEC60112	V	> 600

GENERAL PROPERTIES

Kinwong Electronic Technology (Longchuan) Co., Ltd.

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