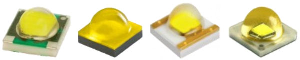
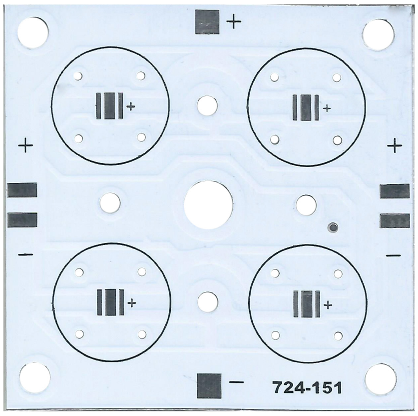
TURLENS
Optics & Reflector
Made in Turkey

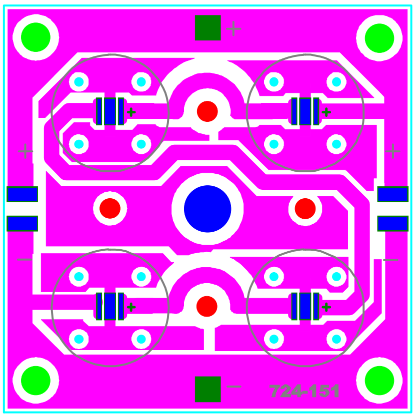
Datasheet

PCB Code-BK-724-151

LED 1w Power







Size: **52 x 52 mm**
Thickness: **1,6 mm**
Weight: **10 g**
Electricity Line: **Copper**
Thickness of copper: **35um**
Thickness of the dielectric: **70um**
Thickness of the aluminum-base: **1.5mm**

Lenses for PCB 724-151:

4 B ST 13060 XP

4 B 3570 D

The result of the test:

Item	Test item		Technology request	Unit	Test result
1	Peel Strength	A	≥1.8	N/mm	2.0
		After thermal stress (260℃)	≥1.8	N/mm	1.8
2	Blister test AfterThermal stress (288℃ , 2min)		288℃ 2 min No delaminating	/	Ok
3	Thermal resistance		≤2.0	℃/W	1.0
4	Thermal-Conductive Factor			W/m·k	1.0
5	Flammability(A)		FV-O	/	FV-O
6	Surface Resistivity	A	$\geq 1\times10^5$	MΩ	5×10^7
		Constant humidity treatment (90%,35℃,96h)	$\geq 1\times10^5$	MΩ	2×10^6
7	Volume Resistivity	A	$\geq 1\times10^6$	MΩ·m	4×10^8
		Constant humidity treatment (90%,35℃,96h)	$\geq 1\times10^6$	MΩ·m	5×10^7
8	Dielectric Breakdown(DC)		≥ 28.5	KV/MM	31
9	Dielectric constant(1MHz) (40℃, 93%, 96h)		≤4.4	/	4.2
10	Dielectric dissipation factor (1MHz) (40℃ , 93% , 96h)		≤0.03	/	0.02