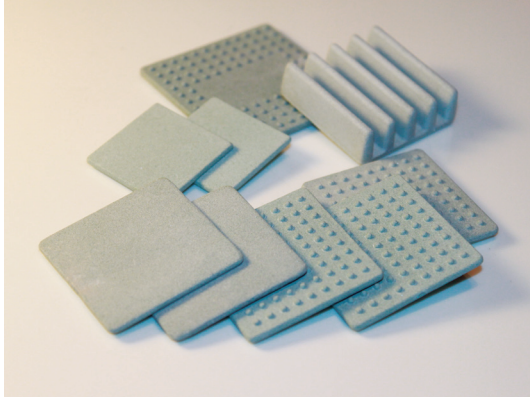


# XL-25

## Ceramic Heat Spreader



### Features

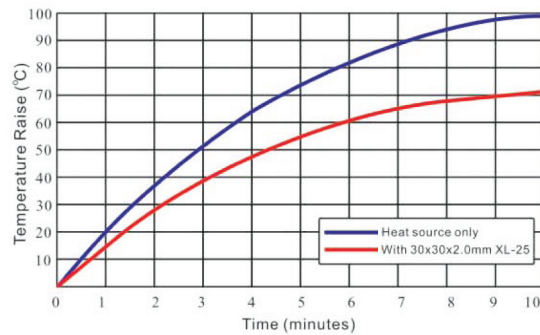
- Large contact area
- Low weight
- High breakdown voltage
- Excellent heat spreader
- Custom shapes possible

### Applications

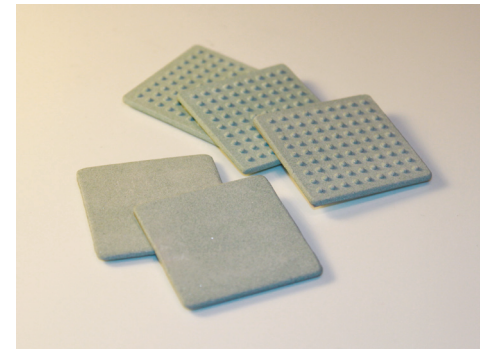
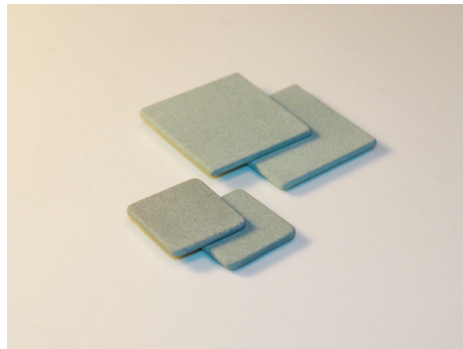
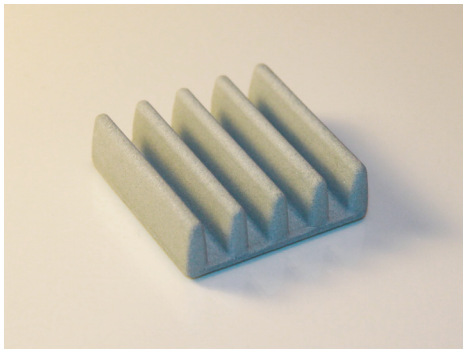
LED / Notebook PC / M/B / Power Transistor / Power Module / CPU / Chip IC

### Standard sizes (mm)

- 10 x 10 x 2.0
- 20 x 20 x 2.0
- 30 x 30 x 2.0
- 40 x 40 x 2.0
- 40 x 40 x 3.0
- 40 x 40 x 3.0
- 50 x 50 x 3.0



Used examples: Heat sources with XL-25



Property	XL-25	Unit	Test Method
Colour	Grey	-	Visual
Thermal Conductivity	6.79	W/m.k	-
Dielectric Breakdown Voltage	>500	Voltage	ASTM D149
Specific Gravity	1.89	g/cm <sup>3</sup>	CNS 619
Surface Resistance	>10 <sup>9</sup>	Ohm	ASTMD 257
Flexural Strength	47.5	Kgf/cm <sup>2</sup>	CNS 12701
Porosity	30	%	CNS 619
Working Temperature	>500	°C	-
Linear Temperature Expansion Coefficient	4.13	10/06/11	RT-300 °C
Main Composition	SiC / Al <sub>2</sub> O <sub>3</sub> / SiO <sub>2</sub>	-	-
Hardness	5~6	Moh's	DIN EN101-1992

