



# XL-25 Series Ceramic Heat Spreader

## Features

- Best for limited space
- Low thermal expansion coefficient
- Reliable insulation performance
- Low thermal expansion coefficient
- Non-toxic, High temperature resistance
- High reliability

## Applications

Can adapt to dramatic environmental changes

Electronic components - Electric Vehicles, 5G, Autopilot System, Mobile Phone, AIOT, HPC (High Performance Computing), Server, IC, CPU, MOS, LED, Mother Board, Power Supply, Heat Sink, LCD-TV, Notebook, PC, Telecom Device, Wireless Hub, DDR II Module, etc.

## Standard Sizes (mm)

01. TO-220 20x14x0.635	04. TO-247 22x17x0.635	07. TO-264 28x22x1.0
02. TO-220 20x14x1.0	05. TO-247 22x17x1.0	08. TO-3P 25x20x0.635
03. TO-220 12x18.5x1.0	06. TO-264 28x22x0.635	09. TO-3P 25x20x1.0

## Properties

Properties	XL-25W	XL-25D	Unit	Test Method
Thermal Conductivity	25	190~210	W/mK	-
Colour	White	Dark Grey	-	Visual
Dielectric Breakdown Voltage	15	18.45	KV/mm	ASTM D149
Bulk Density	≥ 3.8	3.32	g/cm <sup>3</sup>	CNS 619
Volume Resistance	10 <sup>12</sup>	1.4 × 10 <sup>13</sup>	Ohm-cm	-
Flexural Strength	4078.8	3416	kgf/cm <sup>2</sup>	CNS 12701
Linear Temperature Expansion Coefficient	6.6~8	2.805	10 <sup>-6</sup>	RT~300° C
Main Composition	Al <sub>2</sub> O <sub>3</sub>	AlN	-	-

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T-Global Technology are proud to announce the launch of a new company logo and mission statement as part of the ongoing growth and evolution of our company's brand.

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