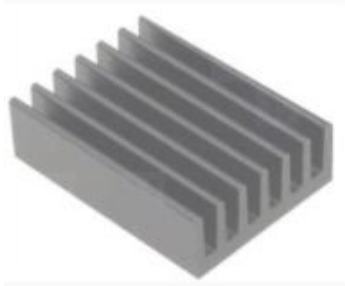


## CERAMIC HEATSINK WITH FINS

series: FCH



- Non-electrically conductive, no antennae effect.
- Low Profile, light weight.
- Larger surface area compared to aluminium heat sinks.
- Dissipates heat faster than metal heat sinks.
- Can be supplied with or without adhesive tape.
- Typical applications include LED Lighting, power modules, automotive engineering and frequency converters.

| Part Number   | Length (mm) | Width (mm) | Height (mm) | Engineering Drawing |
|---------------|-------------|------------|-------------|---------------------|
| FCH252505T-V2 | 25          | 25         | 5.0         | <a href="#">PDF</a> |
| FCH303005T-V2 | 30          | 30         | 5.25        | <a href="#">PDF</a> |
| FCH404005T-V2 | 40          | 40         | 5.25        | <a href="#">PDF</a> |

| Feature                              | Unit                | Value   | Method         |
|--------------------------------------|---------------------|---------|----------------|
| Thermal Conductivity                 | w/mk                | 5~6     | -              |
| Bulk Density                         | g/cm <sup>3</sup>   | 1.6~2.0 | CNS2893 (1969) |
| Insulation Resistance                | Ω                   | 20*10   | ASTMD257       |
| Linear thermal expansion coefficient | 10-6                | 4.13    | RT~300°C       |
| Max operating temperature*           | °C                  | <500    | -              |
| Flex Strength                        | Kgf/cm <sup>2</sup> | 47.5    | CNS2893 (1969) |
| Mohs hardness                        | N/mm <sup>2</sup>   | 5-6     | DIN EN101-1992 |
| Porosity                             | %                   | 30      | CNS619         |
| Water Absorption                     | %                   | 25~30   |                |

\*Without adhesive

[Product Presentation](#)