

GCD-010F-CZZ

Features

- Superb thermal conductive
- Available in multiple thicknesses
- Easy to die cut
- Good EMI shielding effectiveness
- Wide application temperature range

Structure

Pure Graphite 0.1 μ m

Copper Foil Layer 18 μ m

Pure Graphite 0.1 μ m

Specifications

PROPERTIES	DATA	TEST METHOD
Substrate thickness, μ m	18 \pm 5	Micro Meter
Temperature Range, $^{\circ}$ C	-40 to 250	/
Surface Resistivity, ohm/sq	< 1	MIL-DTL-83528
Adhesion of sputtering, %	100	ASTM D3359
Thermal Conductivity ¹ , XY Axis, W/m \cdot K	400	
Thermal Conductivity ² , Z Axis, W/m \cdot K	350	
Width,mm	600 +3/-0	Width Gauge

^{1,2}The above product data is based on testing conducted in our laboratory and partial estimated data. It is provided for your reference only.

Storage and Shelf Life

Shelf life is 3 months after shipment, while stored at 25 $^{\circ}$ C/65%

Regulation

RoHS & HF Compliant

Disclaimers

Many factors beyond Longyoung's control and uniquely within user's knowledge and control can affect the use and performance of a longyoung product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application.

