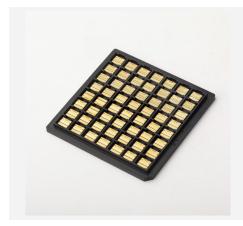


# **Advanced Materials**

# FL-AMC series



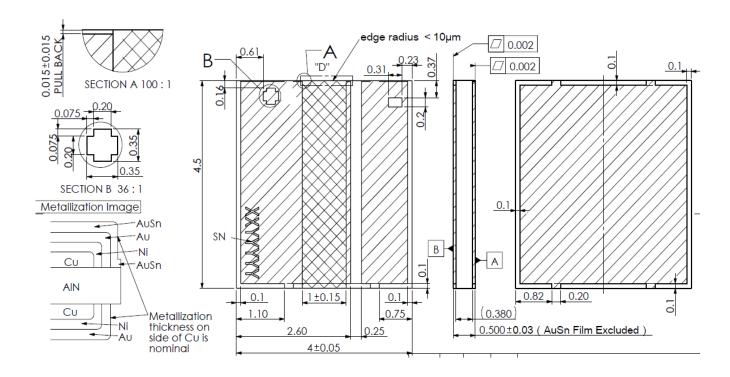
#### **Features**

- · AuSn pre-deposited
- Copper clad layer
- Low thermal resistance
- · CTE matched for bonding
- High reliability

#### **Applications**

- · Industrial application
- Scientific Research and Engineering

### **Product Dimensions (mm)**



Remark: The structure drawing is for reference only. Please feel free to contact us for any special requirements.



### **Product Specifications**

Product Code Part No.1		<b>AMC000001</b> FL-AMC-4045	<b>AMC000002</b> FL-AMC-4557
Dimension Parameters	Unit	Value	Value
Length	mm	4.50+/-0.05	5.75+/-0.05
Width	mm	4.00+/-0.05	4.50+/-0.05
Thickness	mm	0.50+/-0.03	0.50+/-0.03
Pullback	μm	15+/-15	15+/-15
Au Thickness	μm	≥1.0	≥1.0
AuSn Thickness	μm	6.0+/-1.0	6.0+/-1.0
Performance Parameters			
Melting Point	°C	280-320	280-320
Roughness	μm	≤0.4	≤0.4
Flatness	μm	≤2.0	≤2.0
Thermal Resistance	K/W	≤2.1	≤2.1
Storage Condition <sup>2</sup>			
Storage Environment	١	Nitrogen Environment	Nitrogen Environment
Environment Temperature	°C	22+/-3	22+/-3
Relative Humidity	%	20-30	20-30
Warranty	month	12	12

<sup>&</sup>lt;sup>1</sup> Part No. = Brand Code - Series - Specification.

 $<sup>^2\</sup>mbox{Exceeding}$  storage conditions may cause product performance reduction.