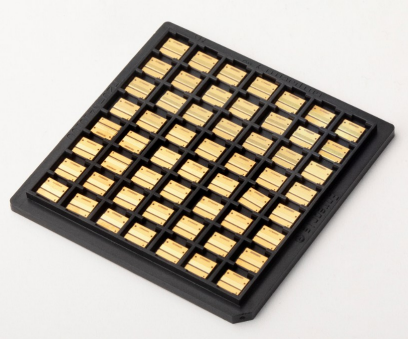
Advanced Materials

FL-AMC series



Features

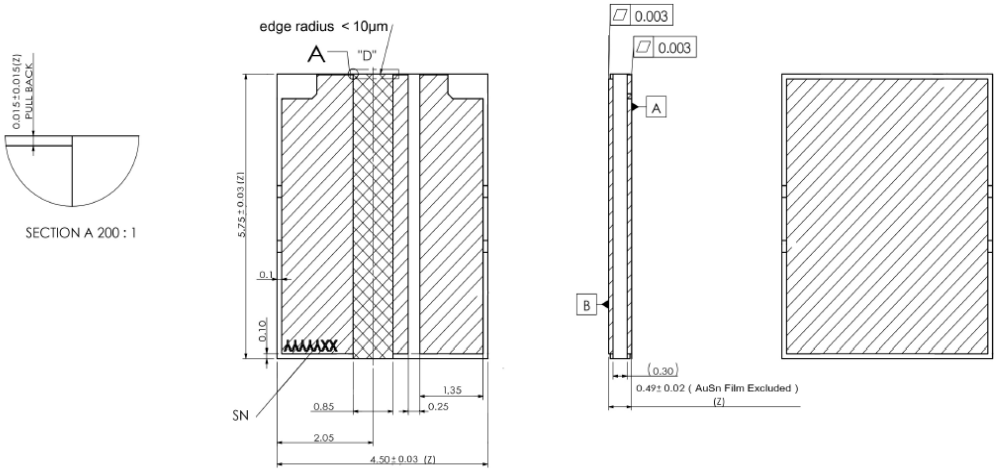
- AuSn pre-deposited
- Copper clad layer
- Low thermal resistance
- CTE matched for bonding
- High reliability

Applications

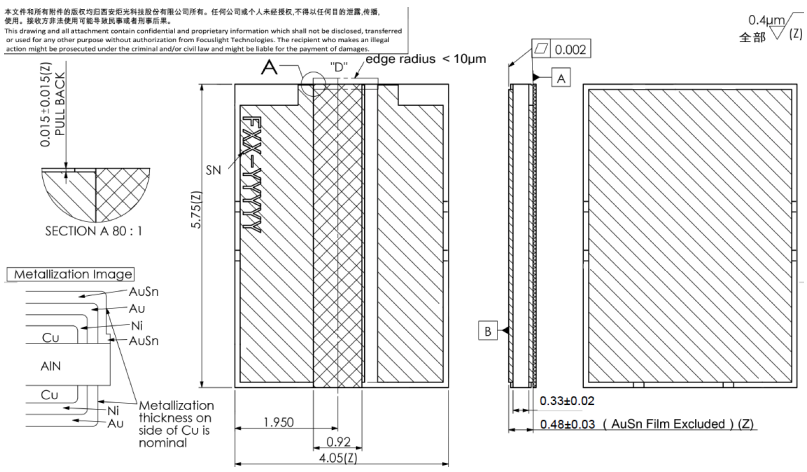
- Industrial application
- Scientific Research and Engineering

Product Dimensions (mm)

FL-AMC-4557



FL-AMC-4057



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

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Product Specifications

Product Code		AMC000002[1]	AMC000005[1]
Part No.[2]		FL-AMC-4557	FL-AMC-4057
Dimension Parameters	**Unit**	**Value**	**Value**
Length	mm	5.75+/-0.05	5.75+/-0.05
Width	mm	4.50+/-0.05	4.05+/-0.05
Thickness	mm	0.49+/-0.03	0.48+/-0.03
Pullback	μm	15+/-15	15+/-15
Au Thickness	μm	≥1.0	≥1.0
AuSn Thinkness	μm	4.5+/-1.0	4.5+/-1.0
Performance Parameters			
Melting Point	°C	280-320	280-320
Roughness	μm	≤0.4	≤0.4
Flatness	μm	≤3.0	≤2.0
Thermal Resistance	K/W	≤2.0	≤2.0
Storage Condition[3]			
Storage Environment	\	Nitrogen Environment	Nitrogen Environment
Environment Temperature	°C	22+/-3	22+/-3
Relative Humidity	%	20-30	20-30
Warranty	month	12	12

[1] Typical customization of products.
[2] Part No. = Brand Code - Series - Specification.
[3] Exceeding storage conditions may cause product performance reduction.

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