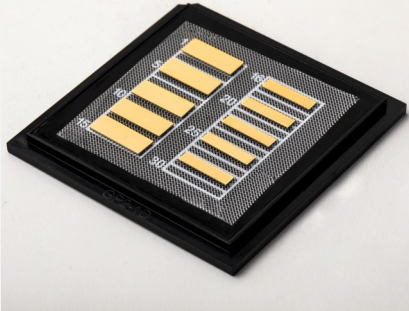


Advanced Materials

FL-AMM series



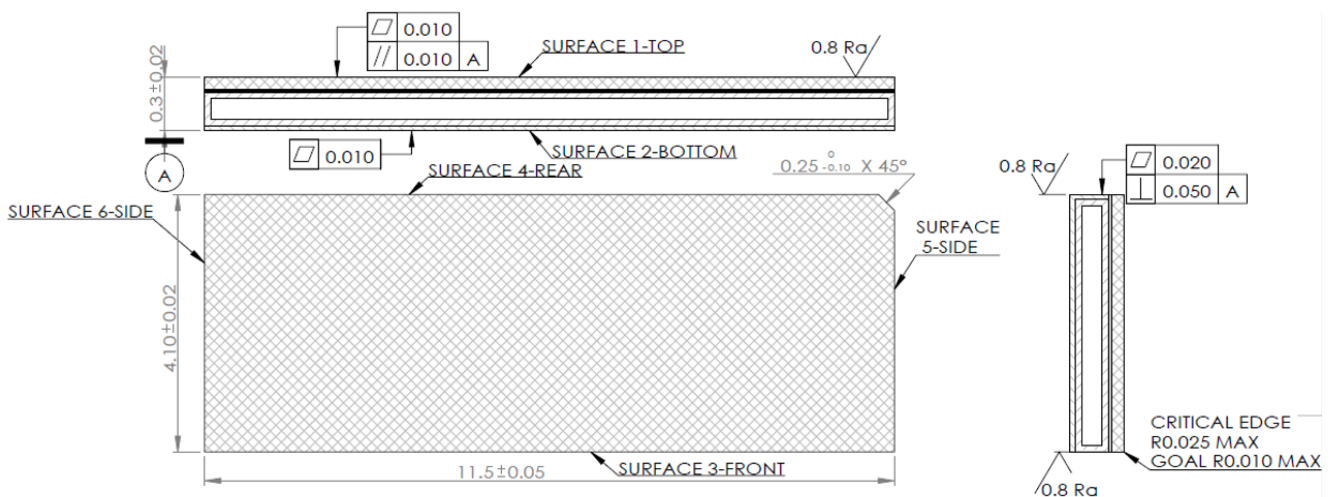
Features

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

Applications

- Industrial application
- IT
- 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 | AMM000001 | AMM000002 | AMM000003 |
|-----------------------|-----------------|-----------------|-----------------|
| Part No. ¹ | FL-AMM-11541003 | FL-AMM-10622503 | FL-AMM-10217506 |

| Dimension Parameters | Unit | Value | Value | Value |
|----------------------|------|--------------|--------------|--------------|
| Length | mm | 11.5 | 10.6 | 10.2 |
| Width | mm | 4.10 | 2.25 | 1.75 |
| Thickness | mm | 0.3 | 0.3 | 0.6 |
| Ni Thickness | μm | ≥1.0 | ≥1.0 | ≥1.0 |
| Au Thickness | μm | ≥0.25 | ≥0.25 | ≥0.25 |
| AuSn Thickness | μm | 6.0+/-1.0 | 6.0+/-1.0 | 6.0+/-1.0 |
| AuSn Coating Surface | \ | Single sided | Single sided | Double sided |

| Performance Parameters | | | | |
|------------------------|----|---------|---------|---------|
| Melting Point | °C | 280-320 | 280-320 | 280-320 |
| Roughness | μm | ≤0.4 | ≤0.4 | ≤0.4 |
| Warpage | μm | ≤10 | ≤10 | ≤10 |
| Thermal Resistance | % | 90% | 90% | 90% |

| Storage Condition ² | | | | |
|--------------------------------|-------|----------------------|----------------------|----------------------|
| Storage Environment | \ | Nitrogen Environment | Nitrogen Environment | Nitrogen Environment |
| Environment Temperature | °C | 22+/-3 | 22+/-3 | 22+/-3 |
| Relative Humidity | % | 20-30 | 20-30 | 20-30 |
| Warranty | month | 12 | 12 | 12 |

¹Part No. = Brand Code - Series - Specification.

²Exceeding storage conditions may cause product performance reduction.