

Sapphire Wafer

Single-Side Polished

6 inch, 1000 um L6C-6 Series

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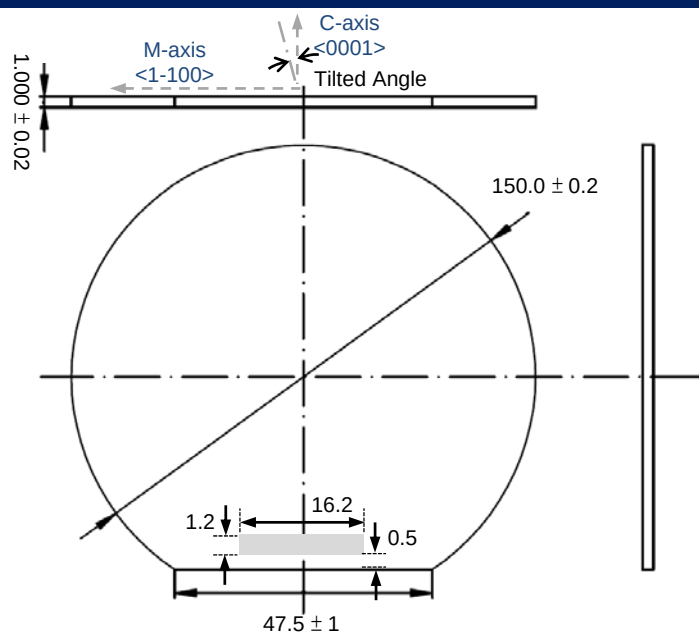
Features

- Epi ready surface morphology.
- Stable wafer curvature and excellent crystallinity.
- The best choice of blue, UV, white light LED.
- The best choice of pattern sapphire substrate.
- RoHS Compliant / Pb Free.

Specifications

Item / Type	Min.	Type	Max.
C to M tilted (degree)	0.1	0.2	0.3
Diameter (mm)	149.8	150.0	150.2
Thickness (um)	980	1000	1020
Flat Length (mm)	46.5	47.5	48.5
TTV (um)	0	~	40
LTV (um)	0	~	5
BOW (um)	-35	~	0
Warp (um)	0	~	50
Wafer Edge	T type		
Front Side Ra (nm)	0	~	0.3
Back side Ra (um)	0.8	~	1.2
Laser Marking (HxWxD, mm)	1.2 X 16.2 X 0.5		

Dimensions



Units: mm