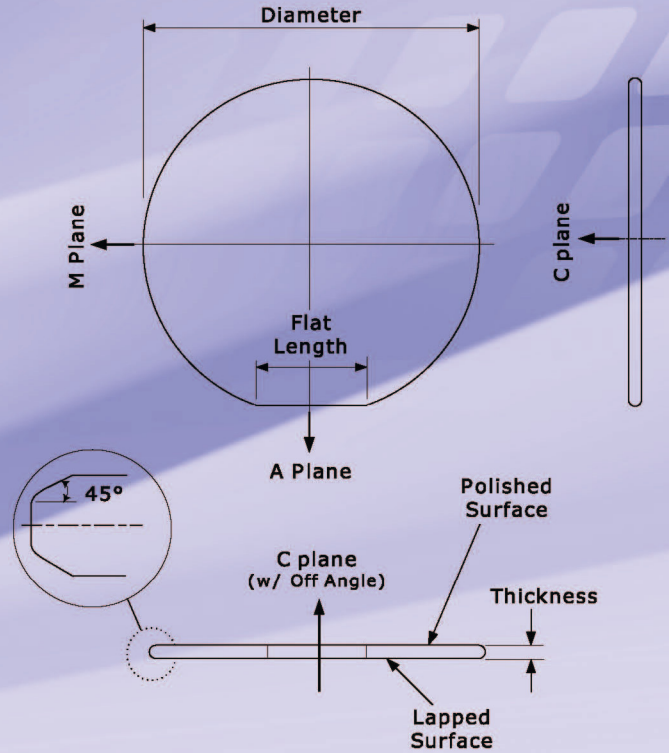


兆晶科技擁有完整的藍寶石晶圓加工生產線，並以專業且豐富的工程經驗、完整且嚴格的品質管制、熱忱的服務態度、良好的客戶口碑，做為產品的品質保證。歡迎您隨時來電，讓我們竭誠為您服務，並期望您能成為我們不斷改善的動力，讓兆晶科技成為您不可或缺的事業夥伴！

Tera Xtal Technology has full sapphire wafer production lines, professional and abundant engineering experience, total and strict quality control, sincere service attitude and good reputation regarding the quality assurance of products. You are welcome to contact us for any service. Servicing you is the incentive for our continual improvement. Let us be your steadfast partner in your business development!



Item (tolerance / unit)	Specification				
Diameter (± 0.20 mm)	2"	2.5"	3"	4"	6"
	50.8	62.0 or 61.75	76.2	100.0	150.0
Thickness (± 20 μm)	330 / 430	430 / 525	550 / 650	650 / 850 / 900	600 or others
Orientation (± 0.1 degree)	C-axis [0001], A-axis[11-20], M-axis[1010], R-axis[1-102] or others tilted with off angle of 0 / 0.2 / 0.35 / 1.0 degree or specified				
Primary Flat (± 1.0 mm)	16.0	16.0	22.0	32.0	customized
PF Location (± 0.5 degree)	A-axis [11-20] (C-axis of Orientation)				customized
Front-side Surface (nm)	Ra < 0.3				Ra < 0.2
Back-side Surface (μm)	Fine Ground, Ra = 0.5 ~ 1.2, by customized				Ra = 0.4 ~ 0.8
TTV (μm)	< 10	< 10	< 10	< 15	< 25
Bow (μm)	< 10	< 15	< 20	< 25	< 30
Package	Clean Room, Nitrogen Atmosphere				
Application	LED epitaxy, SOS substrates or others.				

*All specifications shown above are of typical requirements. They can be customized per customer's request.



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