



VECTOR JAPAN SPECIFICATION SHEET

12KH-PA-37/45/65/120-SP3

Item	Specification	COA Item
GENERAL CHARACTERISTICS		
Crystal Orientation	(100) +/- 1	
Notch	Semi Std. (110)+/-1	
Type / Dopant	P / Boron	Yes
Resistivity	1– 100 Ohm-cm	Yes
Diameter	300 ± 0.2 mm	Yes
Thickness	775 +/- 25 μm	Yes
Total Thickness Variation (TTV)	≤5μm	Yes
Bow	≤30μm	Yes
Warp	≤40μm	Yes
ID	backside T7 and OCR	Yes,
FRONT SIDE SURFACE CHARACTERISTICS		
Surface	Mirror Polished	
LLS (Particle+COP)	37nm ≤ 50ea /45nm ≤ 50ea /65nm ≤ 50ea / 120um ≤ 30ea	Yes
Visual inspection	SEMI standard	
Edge Chips	None	
Crack / Slip	None	
Laser Mark	None	
Metal Contamination	<= 1E10 (Al,Na,Ca,K,Cr,Ni,Fe,Cu,Zn, Ti,Mn)	Yes
BACK SIDE SURFACE CHARACTERISTICS		
Surface	Mirror Polished	
Pits / Dimple	None	
PACKAGE		
FOSB	MW300GT-A	
Label Format / Information	Outer box and outer bag only	