Tool Make & Model

Canon_ FPA-2500i3

Tool Configuration / Specifications

[CD DOF] *(0.63 NA) 0.6um DENSE LINE DOF / Shipley SPR660 1.1uml, 275msec*

[redacted] *SEM measurement: AMAT*

Customer Machine

Ave DOF 1.48 um

Min DOF 0.40 um

Max DOF 2.00 um

Target L&S= 600 nm *Slice ±* 5.0 % *TOTAL DOF=* 0.30 *um*

min CD 570 nm

max CD 630 nm

	UL V	UL H	UC V	UC H	UR V	UR H	CL V	CL H	CC V	CC H	CR V	CR H	LL V	LL H	LC V	LC H	LR V	LR H
min	-0.50	-0.30	-0.20	0.30	-0.50	-0.30	0.30	-0.20	-1.00	-1.00	-0.40	-0.70	-1.00	-1.00	-1.00	-1.00	-1.00	-1.00
max	0.60	0.70	0.90	0.80	0.90	0.90	0.70	0.90	1.00	1.00	0.90	0.90	1.00	0.90	1.00	1.00	1.00	1.00
DOF	**1.10**	**1.00**	**1.10**	**0.50**	**1.40**	**1.20**	**0.40**	**1.10**	**2.00**	**2.00**	**1.30**	**1.60**	**2.00**	**1.90**	**2.00**	**2.00**	**2.00**	**2.00**
B.F.	**0.05**	**0.20**	**0.35**	**0.55**	**0.20**	**0.30**	**0.50**	**0.35**	**0.00**	**0.00**	**0.25**	**0.10**	**0.00**	**-0.05**	**0.00**	**0.00**	**0.00**	**0.00**

[AFTER TILT COMPENSATION BY CALCULATION]

COMP.	-3	-3	-3	-3	-3	-3	0	0	0	0	0	0	3	3	3	3	3	3
	UL V	UL H	UC V	UC H	UR V	UR H	CL V	CL H	CC V	CC H	CR V	CR H	LL V	LL H	LC V	LC H	LR V	LR H
min	-0.66	-0.46	-0.34	0.16	-0.63	-0.43	0.28	-0.22	-1.00	-1.00	-0.38	-0.68	-0.88	-0.88	-0.86	-0.86	-0.84	-0.84
max	0.44	0.54	0.76	0.66	0.78	0.78	0.68	0.88	1.00	1.00	0.92	0.92	1.13	1.03	1.14	1.14	1.16	1.16
B.F.	-0.11	0.04	0.21	0.41	0.08	0.18	0.48	0.33	0.00	0.00	0.27	0.12	0.13	0.08	0.14	0.14	0.16	0.16

TOTAL DOF = 0.16 um

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