



Lengthwise Ratio By Area			
	3L-7L	18L-18R	3R-7R
	Left	Center	Right
Zone 2	1.1	1.0	1.1
Zone 3	1.4	1.0	1.4
Zone 4	1.8	1.0	1.8
Zone 5	2.4	1.1	2.4
Zone 6	4.0	2.0	4.0
Zone 7			
Zone 8			

第41回北信越都市対抗

Lengthwise Ratio By Board (units & ml)

	7 Pin Side														Board Number										10 Pin Side														
Zone	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	L16	L17	L18	L19	C20	R19	R18	R17	R16	R15	R14	R13	R12	R11	R10	R9	R8	R7	R6	R5	R4	R3	R2	R1
2		1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
3		1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4	
4		2.3	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.2	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	2.3	
5			2.4	2.4	2.4	2.6	2.4	2.5	2.4	1.7	1.7	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.7	1.7	2.4	2.5	2.4	2.6	2.4	2.4	2.4		
6			4.3	4.3	4.3	3.9	4.1	3.9	4.0	2.9	2.9	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.9	2.9	4.0	3.9	4.1	3.9	4.3	4.3	4.3		
7																																							
8																																							

The lengthwise ratios are calculated from the volumes in the first zone.