

APPENDIX B

Recommended Pad Dimensions

Standard Soldering Pad Dimensions

The optimum dimension of soldering pad at the time of soldering differs according to conditions, however, the following pad dimensions are recommended as standard.

Flat Type Components

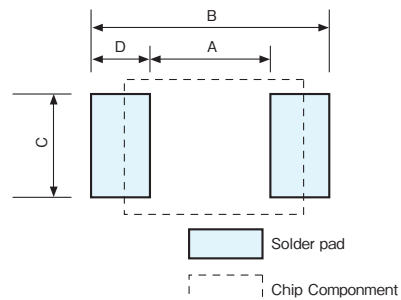
• For Reflow Soldering

Type	Style	Dimensions (mm)				
		Component Size	A	B	C	D
RK73 RS73 HV73 SG73 RN73 HRK73 SR73 LT73 NT73 SDT73 RF73	1F	0.4×0.2	0.12	0.48	0.18	0.18
	1H	0.6×0.3	0.25	0.7	0.3	0.225
	1E	1.0×0.5	0.5	1.3	0.3	0.4
	1J	1.6×0.8	1.0	2.0	0.6	0.5
	2A	2.0×1.25	1.3	2.5	1.05	0.6
	2B	3.2×1.6	2.2	4.0	1.4	0.9
	2E, 2E1	3.2×2.5	2.2	4.0	2.3	0.9
	W2H/2H	5.0×2.5	3.3/3.5	6.1/6.3	2.3	1.4
	W3A2, W3A, 3A	6.3×3.1	4.6	8.0	3.0	1.7
	UR73	2A	2.0×1.25	1.3	2.6	1.1
	2B	3.2×1.6	2.2	4.2	1.6	1.0
UR73D	1E	1.0×0.5	0.4	1.7	0.5	0.65
	1J	1.6×0.8	0.5	2.5	0.9	1.0
	2A	2.0×1.25	0.8	3.4	1.3	1.3
	2B	3.2×1.6	1.2	4.6	1.8	1.7
	2H (10mΩ~30mΩ)	5.0×2.5	1.8	6.1	2.6	2.15
	2H (33mΩ~100mΩ)		3.3	6.1	2.5	1.4
3A (10mΩ~30mΩ)	6.3×3.1	2.3	8.0	3.3	2.85	
3A (33mΩ~100mΩ)		4.6	8.0	3.2	1.7	
UR73V	2A	2.0×1.25	1.2	3.4	1.3	1.1
	2B	3.2×1.6	2.2	4.2	1.6	1.0
UR73VD	2A (10mΩ~18mΩ)	2.0×3.1	0.6	3.4	1.3	1.4
	2A (20mΩ~36mΩ)		0.8	3.4	1.3	1.3
	2B (10mΩ~13mΩ)	3.2×1.6	0.7	4.4	1.6	1.85
	2B (15mΩ~16mΩ)		0.9	4.4	1.6	1.75
	2B (18mΩ~20mΩ)		1.0	4.4	1.6	1.7
2B (22mΩ~27mΩ)	1.2	4.4	1.6	1.6		
WK73 WU73 WG73	1E	0.5×1.0	0.2	1.1	1.0	0.45
	1J	0.8×1.6	0.4	1.7	1.6	0.65
	2A	1.25×2.0	0.55	2.35	2.0	0.9
	2B15, 2B	1.6×3.2	0.7	2.3	3.2	0.8
	2H2, 2H	2.5×5.0	1.0	3.5	5.0	1.25
	2J	3.1×4.6	1.6	3.9	4.6	1.15
	3A3, 3A	3.1×6.3	1.6	3.9	6.3	1.15
SLR	1	6.3×3.1	3.4	8.0	3.0	2.3
TF	10B	1.0×0.5	0.5	1.3	0.3	0.4
	16S, 16A, 16V	1.6×0.8	1.0	2.0	0.6	0.5
PS	L	6.3×3.15	3.4	7	3.4	1.8
	J	10.0×5.2	5.6	11	6.2	2.7
	F	3.0×3.8	Described on the product page			
	G	6.9×6.6	Described on the product page			
TLR	2A	2.0×1.25	0.5	2.5	1.3	1.0
	2BW, 2BP (0.5mΩ)	3.2×1.6	0.6	4.0	1.8	1.7
	2BN, 2B, 2BW, 2BP (1mΩ, 1.5mΩ)		0.8	4.0	1.8	1.6
	2BN, 2B, 2BW, 2BP (2mΩ~20mΩ)		1.4	4.0	1.8	1.3
	2H, 2HW (0.5mΩ, 1mΩ)	5.0×2.5	1.0	6.1	3.0	2.55
	2H, 2HW (2mΩ~6mΩ)		1.3	6.1	3.0	2.4
	2H, 2HW (7mΩ~10mΩ)		3.3	6.1	3.0	1.4
	3AW (0.5mΩ~0.82mΩ)	6.35×3.18	0.8	7.55	3.83	3.375
	3AW (1mΩ~4mΩ)		1.45	7.55	3.83	3.05
	3AW (5mΩ~8mΩ)		3.45	7.55	3.83	2.05
	3AW (9mΩ, 10mΩ)		4.4	7.55	3.83	1.575
	3AP (0.5mΩ~0.82mΩ)		0.8	7.55	3.83	3.375
	3AP (1mΩ, 1.5mΩ)		1.45	7.55	3.83	3.05
	3AP (2mΩ)		1.05	7.55	3.83	3.25
	3AP (3mΩ~4mΩ)	1.45	7.55	3.83	3.05	
	3AP (5mΩ~8mΩ)	3.45	7.55	3.83	2.05	
	3AP (9mΩ, 10mΩ)	4.4	7.55	3.83	1.575	
3APS	3.45	7.55	3.83	2.05		
TLRH	2A	2.0×1.25	0.5	2.5	1.3	1.0
	3AW	6.3×3.2	4.4	7.5	3.7	1.55
	3AP	6.3×3.2	2.15	7.55	3.83	2.7
TLRZ	1E	1.0×0.5	0.5	1.3	0.6	0.4
	1J	1.6×0.8	0.5	2.0	0.9	0.75
	2A	2.0×1.25	0.5	2.5	1.45	1.0
SLP	2B	3.2×1.6	2.2	3.8	1.8	0.8
	2H, 2HW	5.1×2.5	3.3	6.1	3.0	1.4
	3A, 3AW	6.35×3.2	4.1	7.55	3.7	1.725
SL	07, W07	5.0×2.5	2.3	7.0	2.6	2.35
	1, W1	6.3×3.1	3.4	8.0	3.0	2.3
SLN	2	11.5×7.0	5.4	15.0	5.0	4.8
	2, 3, 5	11.5×7.0	5.0	15.0	6.0	5.0
TSL	1	6.3×3.1	3.4	8.0	3.0	2.3
KQT KQ KQC	0402	1.0×0.5	0.46	1.18	0.66	0.36
	0603	1.6×1.0	0.8	2.0	1.02	0.6
	0805	2.0×1.5	0.76	2.8	1.78	1.02
	1008	2.5×2.2	1.27	3.31	2.54	1.02
	CCF	1N, 1F	6.0×2.5	3.0	7.2	2.8
CCP	2B	3.2×1.6	2.2	5.0	1.4	1.4
	2E	3.2×2.5	2.2	5.0	2.0	1.4
NV73 NV73DL	1H	0.6×0.3	0.25~0.35	0.65~0.95	0.25~0.35	0.2~0.3
	1E	1.0×0.5	0.51	1.73	0.51	0.61
	1J	1.6×0.8	1.0	3.0	1.0	1.0
	2A	2.0×1.25	1.2	4.0	1.2	1.4
	2B	3.2×1.6	2.2	5.0	1.3	1.4
	2E	3.2×2.5	2.2	5.0	2.2	1.4
	2J	4.5×3.2	3.0	5.8	2.9	1.4
NV73DS	2L	6.1×5.1	4.5	7.5	4.7	1.5

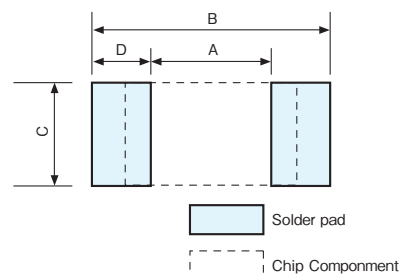
• For Flow Soldering

Type	Style	Dimensions (mm)					
		Component Size	A	B	C	D	
RK73 RS73 HV73 SG73 RN73 HRK73 SR73 LT73 NT73 SDT73 RF73	1E	1.0×0.5	0.5	1.5	0.5	0.5	
	1J	1.6×0.8	1.0	2.4	0.8	0.7	
	2A	2.0×1.25	1.3	3.1	1.25	0.9	
	2B	3.2×1.6	2.2	4.4	1.6	1.1	
	2E, 2E1	3.2×2.5	2.2	4.4	2.5	1.1	
	W2H/2H	5.0×2.5	3.3/3.5	6.1/6.3	2.5	1.4	
	W3A2, W3A, 3A	6.3×3.1	4.6	8.0	3.2	1.7	
	UR73	2A	2.0×1.25	1.3	2.6	1.1	0.65
		2B	3.2×1.6	2.2	4.2	1.6	1.0
	UR73D	1E	1.0×0.5	0.4	1.7	0.5	0.65
1J		1.6×0.8	0.5	2.5	0.9	1.0	
2A		2.0×1.25	0.8	3.4	1.3	1.3	
2B		3.2×1.6	1.2	4.6	1.8	1.7	
2H (10mΩ~30mΩ)		5.0×2.5	1.8	6.1	2.6	2.15	
2H (33mΩ~100mΩ)			3.3	6.1	2.5	1.4	
3A (10mΩ~30mΩ)	6.3×3.1	2.3	8.0	3.3	2.85		
3A (33mΩ~100mΩ)		4.6	8.0	3.2	1.7		
UR73V	2A	2.0×1.25	1.2	3.4	1.3	1.1	
	2B	3.2×1.6	2.2	4.2	1.6	1.0	
UR73VD	2A (10mΩ~18mΩ)	2.0×1.25	0.6	3.4	1.3	1.4	
	2A (20mΩ~36mΩ)		0.8	3.4	1.3	1.3	
	2B (10mΩ~13mΩ)	3.2×1.6	0.7	4.4	1.6	1.85	
	2B (15mΩ~16mΩ)		0.9	4.4	1.6	1.75	
	2B (18mΩ~20mΩ)		1.0	4.4	1.6	1.7	
2B (22mΩ~27mΩ)	1.2	4.4	1.6	1.6			
TF	10B	1.0×0.5	0.5	1.5	0.5	0.5	
	16S, 16A	1.6×0.8	1.0	2.4	0.8	0.7	
NV73 NV73DL	1J	1.6×0.8	1.0	3.0	1.0	1.0	
	2A	2.0×1.25	1.2	4.0	1.2	1.4	
	2B	3.2×1.6	2.2	5.0	1.3	1.4	
	2E	3.2×2.5	2.2	5.0	2.2	1.4	
	2J	4.5×3.2	3.0	5.8	2.9	1.4	
NV73DS	2L	6.1×5.1	4.5	7.5	4.7	1.5	
CCF	1N, 1F	6.0×2.5	3.0	7.2	2.8	2.1	
CCP	2B	3.2×1.6	2.2	5.0	1.4	1.4	
	2E	3.2×2.5	2.2	5.0	2.0	1.4	

• For Reflow Soldering



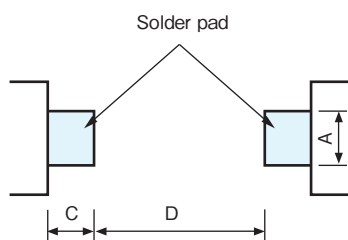
• For Flow Soldering



※These pad dimensions are only for standard pattern and the characteristics are not guaranteed, which you are suggested to confirm before use.

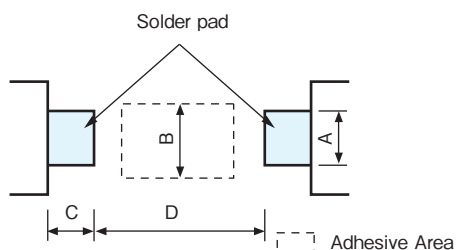
■ Melf Type Components

- For Reflow Soldering



Type	Style	Dimensions (mm)			
		Component Size	A	C	D
RD41 RN41 CC	2ES-12M	3.5×1.40	1.5	1.3	1.7
	2E-25	5.9×2.2	2.2	2.2	3.0
	3AS		15.0	15.0	4.0

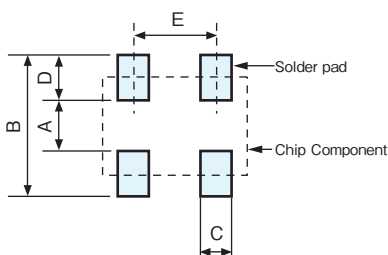
- For Flow Soldering



Type	Style	Dimensions (mm)				
		Component Size	A	B	C	D
RD41 RN41 CC	2ES-12M	3.5×1.40	1.5	2.2	1.5	2.0
	2E-25	5.9×2.2	2.0	3.0	3.0	4.0
	3AS		15.0	3.0	15.0	4.0

■ Chip Networks

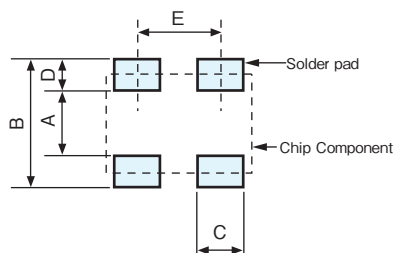
- For Reflow Soldering



Type	Style	Dimensions (mm)					
		Component Size	A	B	C	D	E
CNN	2A2	2.54×2.0	1.2	2.8	0.6	0.8	1.27

■ MWS

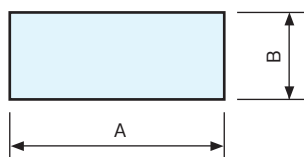
- For Reflow and Flow Soldering



Type	Style	Dimensions (mm)					
		Component Size	A	B	C	D	E
MWS	5	16.9×8.6	2.2	6.2	2.5	2.0	14.1

■ Others

- For Reflow Soldering



Type	Dimensions (mm)	
	A	B
RCU	2.5~2.7	0.6~0.8
RCT	2.9~3.1	1.05~1.25
RCS	4.1~4.3	1.4~1.6
RCW		

※These pad dimensions are only for standard pattern and the characteristics are not guaranteed, which you are suggested to confirm before use.