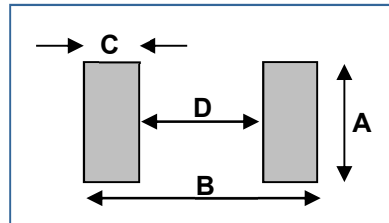


Technical Note TN006: Recommended Layouts for SMD Resistors



The following nominal dimensions are recommended for reflow solder processing:

Dimensions (mm)				
Type & Size	A	B	C	D
Chip 0402	0.65	1.30	0.45	0.40
Chip 0603	1.00	2.10	0.70	0.70
Chip 0805	1.50	2.60	0.85	0.90
Chip 1206	2.00	4.00	1.25	1.50
Chip 2010	3.05	6.50	1.50	3.50
Chip 2512	3.70	7.75	1.50	4.75
MELF 0102	1.40	2.85	1.10	0.65
MELF 0204	1.75	4.00	1.25	1.50
MELF 0207	2.20	7.20	2.20	2.80

The following nominal dimensions are recommended for wave solder processing:

Dimensions (mm)				
Type & Size	A	B	C	D
Chip 0402	0.75	1.50	0.55	0.40
Chip 0603	1.10	2.30	0.80	0.70
Chip 0805	1.60	3.00	1.05	0.90
Chip 1206	2.10	4.40	1.45	1.50
Chip 2010	3.15	7.70	1.70	4.30
Chip 2512	3.80	8.35	1.70	4.95
MELF 0102	1.50	3.45	1.40	0.65
MELF 0204	1.90	4.70	1.60	1.50
MELF 0207	2.50	7.40	2.30	2.80

General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.