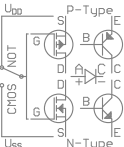


SMD Size (mm)	Pmax	mm	mil
0201 (0603)	0.05	0.10	4
0402 (1005)	0.06	0.15	6
0603 (1608)	0.1	0.20	8
0805 (2012)	0.13	0.30	12
1206 (3216)	0.25	0.5	20
1210 (3225)	0.5	1.0	39
1812 (4532)	0.75	1.5	59
2010 (5025)	0.75	2.0	79
2512 (6332)	1W	2.5	98

<https://github.com/maugsburger/ucruler>



Font size
0.8
1.0
1.2
1.4
1.6
1.8

Font size
0.8
1.0
1.2
1.4
1.6
1.8

Max I IPC-2221A@35µm					
mm²	mm	1K	5K	10K	mR
0.002	0.1	0.12	0.24	0.33	78.7
0.004	0.15	0.18	0.37	0.50	44.4
0.006	0.2	0.24	0.48	0.65	31.0
0.009	0.3	0.33	0.67	0.91	19.3
0.013	0.4	0.42	0.85	1.15	14.0
0.016	0.5	0.50	1.01	1.37	11.0
0.020	0.6	0.57	1.17	1.58	9.05
0.027	0.8	0.72	1.45	1.97	6.69
0.034	1.0	0.85	1.72	2.33	5.30
0.051	1.5	1.15	2.33	3.15	3.49
0.069	2.0	1.42	2.88	3.90	2.60

Alu Electrolytic Caps					
Part #	a	b	c	d	Umax
B	4.0	4.3	5.8	*	j/0j 6.3
C	5.0	5.3	5.8	*	(1)A 10
D	6.3	6.6	5.8	*	(1)C 16
D8	6.3	6.6	7.7	*	(1)E 25
E	8.0	8.3	6.2	*	(1)U 35
F	8.0	8.3	10.2	#	(1)H 50
G	10.0	10.3	10.2	#	(1)J 63
H13	12.5	13.5	13.5	#	(1)K 80
J16	16.0	17.0	16.5	+	2A 100
K16	18.0	19.0	16.5	+	2V 350
W:	*0.65	#0.9	+1.2		2W 450

Spacing FR4 PCB					
Isol. Group: A B					
U <sub>1</sub>	U <sub>2</sub>	U <sub>3</sub>	U <sub>4</sub>	U <sub>5</sub>	U <sub>6</sub>
12	15	0.2	0.2	0.4	0.8
30	36	0.2	0.3	0.5	1.0
60	75	0.3	0.4	0.7	1.3
125	150	0.4	0.5	1.0	2.0
250	300	0.8	1.0	1.6	3.0
400	475	1.3	1.6	2.5	4.2

VIA TH	
a/mm	Rth
0.3	210
0.35	180
0.4	160
0.5	130
0.7	95
1.0	65
>1	65/ø

VIA I	
a/mm	I/A
0.2	1
0.3	2
0.4	2.5
0.5	3.0
0.6	3.5
0.7	4
0.8	5

AWG ø mm²		
36	.127	.013
34	.160	.020
32	.202	.032
30	.255	.051
28	.321	.081
26	.405	.129
24	.511	.205
22	.644	.326
20	.812	.518
18	1.02	.823
16	1.29	1.31
14	1.63	2.08



Metric Threading					
hole	a/mm	fine	coarse		
M1.6	M2	M2.5	M3	M4	M5
1.7	2.2	2.7	3.2	4.3	5.3
2.2	2.6	3.1	3.6	4.8	5.8

E24/12/6

- 10
- 11
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- 62
- 68
- 75
- 82
- 91

