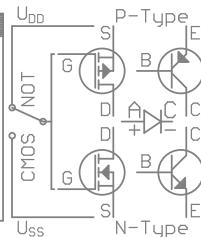


SMD Size (mm)	Pmax
0201 (0603)	0.05
0402 (1005)	0.06
0603 (1608)	0.1
0805 (2012)	0.13
1206 (3216)	0.25
1210 (3225)	0.5
1812 (4532)	0.75
2010 (5025)	0.75
2512 (6332)	1W

mm	mil
0.10	4
0.15	6
0.20	8
0.30	12
0.5	20
1.0	39
1.5	59
2.0	79
2.5	98



Font size
0.8
1.0
1.2
1.4
1.6
1.8
15%

Font size
0.8
1.0
1.2
1.4
1.6
1.8
15%

Max I	IPC-2221A	035	μm		
mm <sup>2</sup>	mm	1K	5K	10K	mΩ
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				
Pan ø	a,b	h	W	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)V 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~	U-	Cl	Cr	Cl	Cr
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
380	450	1.2	1.5	2.4	4.0
500	600	1.6	2.0	3.0	5.5

VIA TH	
ø/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	
ø/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	mm <sup>2</sup>
28	0.32	0.08
26	0.41	0.13
24	0.51	0.21
22	0.64	0.33
20	0.81	0.52
18	1.02	0.82
16	1.29	1.31
14	1.63	2.08

Metric Threading							
hole ø/mm	fine/coarse						
M1	M1.2	M1.6	M2	M2.5	M3	M4	M5
1.1	1.3	1.7	2.2	2.7	3.2	4.3	5.3
1.3	1.5	2.0	2.6	3.1	3.6	4.8	5.8

Owner [Redacted]



E24/12/6

- 10 11 12 13 15 16 18 20 22 24 27 30 33 36 39 43 47 51 56 62 68 75 82 91