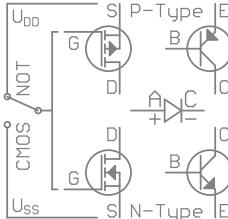


SMD R Sizes			Pmax
0201	(0603)	0.6x0.3mm	0.05
0402	(1005)	1.0x0.5mm	0.06
0603	(1608)	1.6x0.8mm	0.1
0805	(2012)	2.0x1.25mm	0.13
1206	(3216)	3.2x1.6mm	0.25
1210	(3225)	3.2x2.5mm	0.5
1812	(4532)	4.5x3.2mm	0.75
2010	(5025)	5.0x2.5mm	0.75
2512	(6332)	6.4x3.2mm	1W



Font size	0.8	1.0	1.2	1.4	1.6	1.8
8%	0.8	1.0	1.2	1.4	1.6	1.8
10%	0.8	1.0	1.2	1.4	1.6	1.8
13%	0.8	1.0	1.2	1.4	1.6	1.8
15%	0.8	1.0	1.2	1.4	1.6	1.8
19%	0.8	1.0	1.2	1.4	1.6	1.8
0.1mm	0.1mm	0.1mm	0.1mm	0.1mm	0.1mm	0.1mm
0.15mm	0.15mm	0.15mm	0.15mm	0.15mm	0.15mm	0.15mm
15%	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
8%	0.8	1.0	1.2	1.4	1.6	1.8
10%	0.8	1.0	1.2	1.4	1.6	1.8
13%	0.8	1.0	1.2	1.4	1.6	1.8
15%	0.8	1.0	1.2	1.4	1.6	1.8
19%	0.8	1.0	1.2	1.4	1.6	1.8
0.1mm	0.1mm	0.1mm	0.1mm	0.1mm	0.1mm	0.1mm
0.15mm	0.15mm	0.15mm	0.15mm	0.15mm	0.15mm	0.15mm
15%	0.8	1.0	1.2	1.4	1.6	1.8

Max I	IPC-2221A@35µm					
	mm ²	mm	1K	5K	10K	mΩ
0.002	0.1	0.12	0.24	0.33	0.33	78.7
0.004	0.15	0.18	0.37	0.50	0.50	44.4
0.006	0.2	0.24	0.48	0.65	0.65	31.0
0.009	0.3	0.33	0.67	0.91	0.91	19.3
0.013	0.4	0.42	0.85	1.15	1.15	14.0
0.016	0.5	0.50	1.01	1.37	1.37	11.0
0.020	0.6	0.57	1.17	1.58	1.58	9.05
0.027	0.8	0.72	1.45	1.97	1.97	6.69
0.034	1.0	0.85	1.72	2.33	2.33	5.30
0.051	1.5	1.15	2.33	3.15	3.15	3.49
0.069	2.0	1.42	2.88	3.90	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)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~	U-	C1	Cr	C1	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		VIA I		mm mil	
ø/mm	Rth	ø/mm	I/A	0.10	4
0.3	210	0.2	1	0.15	6
0.35	180	0.3	2	0.20	8
0.4	160	0.4	2.5	0.30	12
0.5	130	0.5	3.0	0.5	20
0.7	95	0.6	3.5	1.0	39
1.0	65	0.7	4	1.5	59
>1	65/ø	0.8	5	2.0	79

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

mm = 25.4 inch
mm = 0.0254 mil