

Wiring, Printed - Component

COMPANY

APCT

3495 DE LA CRUZ BLVD
SANTA CLARA, CA 95054 United States

E55332

Type	Cond Width		Cond Thk	SS/DSO	Area Diam	Report date After	Surface Mount	Assembly		Max			Meets UL96	C T	
	Min	Edge						Temp	Solder Process	Solder Limits	Oper Temp	Flame			Class
Mass laminated (multilayered) printed wiring boards															
1ML	0.05	0.08	17	DS	76.2	No	-	-	-	274	20	130	V-0	All	*
MF	0.08	0.23	34	DS	203.2	No	-	-	-	260	10	105	V-0	All	-
X	0.08	0.23	34	DS	203.2	No	-	-	-	260	10	105	V-0	All	-
Metal base printed wiring boards															
10-0	0.15	0.15	102 Int:140	DS	101.6	No	-	-	-	274	15	105	V-0	-	-
10-0S	0.05	0.05	20.3	SS	101.6	No	-	-	-	274	15	105	V-0	-	-
10-1 (e)	0.15	0.15	205.8 Int:140	DS	101.6	No	-	-	-	274	15	105	V-0	-	-
11-0	0.08	0.08	15 Int:140	DS	101.6	No	-	-	-	274	15	105	V-0	-	-
Multilayer printed wiring boards															
10%	0.08	0.08	17 Int:102	DS	101.6	No	-	-	-	288	20	130	V-0	All	*
10HB	0.07	0.07	17 Int:102	DS	101.6	No	-	-	-	288	30	130	HB	All	*
10M	0.04	0.12	8 Int:102	DS	101.6	No	-	-	-	274	20	130	V-0	All	*

11V-0	0.05	0.05	17 Int:102	DS	101.6	No	-	-	-	288	30	130	V-0	All	*
12-0 \$	0.11	0.33	17 Int:173	DS	95.25	No	-	-	-	288	30	130	V-0	All	3
14-0	0.08	0.08	17 Int:102	SS	101.6	No	-	-	-	300	60	140	V-0	All	4
18	0.07	0.07	17 Int:68	DS	50.8	No	-	-	-	288	10	130	V-0	All	-
19	0.09	0.09	17 Int:68	DS	101.6	No	-	-	-	288	10	130	V-0	All	-
20	0.09	0.09	17 Int:137	DS	25.4	No	-	-	-	288	10	130	V-0	All	-
2M	0.06	0.08	7.9 Int:169.9	DS	25.4	No	-	-	-	274	20	130	V-0	All	*
2V-0	0.13	0.33	17 Int:102	DS	25.4	No	-	-	-	288	30	130	V-0	All	*
3	0.1	0.3	17 Int:68	DS	76.2	No	-	-	-	288	10	105	V-0	All	-
3, 3-0	0.08	0.08	17 Int:107	DS	101.6	No	-	-	-	274	15	130	V-0	All	*
3-2	0.08	0.08	13 Int:97	DS	50.8	No	-	-	-	274	15	130	V-0	All	3
30%	0.08	0.08	17 Int:102	DS	101.6	No	-	-	-	288	20	130	V-0	All	3
3M	0.08	0.08	7.9 Int:169.9	DS	76.2	No	-	-	-	274	20	130	V-0	All	*
3V-0	0.13	0.33	17 Int:102	DS	25.4	No	-	-	-	288	30	130	V-0	All	*
40%	0.06	0.06	17 Int:102	DS	101.6	No	-	-	-	288	20	130	V-0	All	*
4M	0.05	0.08	7.9 Int:169.9	DS	76.2	No	-	-	-	274	20	130	V-0	All	*
4V-0	0.13	0.33	17 Int:102	DS	25.4	No	-	-	-	288	30	130	V-0	All	*
5-0	0.11	0.33	17 Int:102	DS	95.25	No	-	-	-	288	30	130	V-0	All	3
50%	0.06	0.06	17 Int:102	DS	101.6	No	-	-	-	288	20	130	V-0	All	3
55	0.05	0.05	17 Int:68	DS	101.6	No	-	-	-	288	10	120	V-0	All	-

5M	0.05	0.08	8 Int:102	DS	76.2	No	-	-	-	274	20	130	V-0	All	*
5V-0	0.13	0.33	17 Int:102	DS	25.4	No	-	-	-	288	30	130	V-0	-	*
60%	0.06	0.06	17 Int:68	DS	101.6	No	-	-	-	288	20	130	V-0	All	*
6M	0.05	0.08	8 Int:68	DS	76.2	No	-	-	-	274	20	130	V-0	All	*
6V-0	0.13	0.33	17 Int:102	DS	25.4	No	-	-	-	288	30	130	V-0	All	*
7, 7-0	0.08	0.08	17 Int:107	DS	101.6	No	-	-	-	274	15	130	V-0	All	*
70%	0.05	0.05	17 Int:68	DS	101.6	No	-	-	-	288	20	140	V-0	All	4
7M	0.05	0.08	8 Int:68	DS	76.2	No	-	-	-	274	20	130	V-0	All	*
7V-1	0.13	0.33	17 Int:102	DS	25.4	No	-	-	-	288	30	140	V-1	All	*
8-0	0.08	0.23	17 Int:107	DS	101.6	No	-	-	-	288	10	130	V-0	▲	*
80%	0.07	0.07	15 Int:70	DS	102	No	-	-	-	288	20	130	V-0	All	2
8M	0.05	0.075	9.4 Int:68	DS	76.2	No	-	-	-	274	20	130	V-0	All	3
8V-0	0.1	0.1	17 Int:34	DS	12.8	No	-	-	-	252	10	105	V-0	All	*
90	0.06	0.06	17 Int:68	DS	101.6	No	-	-	-	288	20	130	V-0	All	2
9M	0.05	0.05	8 Int:102	DS	101.6	No	-	-	-	274	20	130	V-0	All	3
9V-0	0.06	0.18	8.5 Int:136	DS	12.7	No	-	-	-	288	30	130	V-0	All	*
A, M	0.08	0.23	17	DS	203.2	No	-	-	-	260	15	105	V-0	All	-
G%	0.05	0.12	9 Int:136	DS	203.2	No	-	-	-	260	30	130	V-0	All	3
G1	0.05	0.12	9 Int:70	DS	157	No	-	-	-	260	30	130	V-0	All	3
J	0.05	0.15	9 Int:68	DS	203.2	No	-	-	-	260	30	130	V-0	All	*
L	0.05	0.15	17 Int:70	DS	50.8	No	-	-	-	260	30	130	V-0	▲	*
M	0.08	0.23	17 Int:102	DS	38.1	No	-	-	-	288	10	130	V-0	All	*

M5	0.12	0.11	17 Int:64	DS	152	No	-	-	-	288	20	130	V-0	All	4
M6	0.06	0.06	17 Int:68	DS	102	No	-	-	-	288	20	115	V-0	All	*
M7 (NOTE 1)	0.06	0.06	68 Int:102	DS	152.4	No	-	-	-	288	20	130	V-0	All	3
M8	0.06	0.06	17 Int:102	DS	152.4	No	-	-	-	274	20	130	V-0	All	0
M9	0.06	0.06	17 Int:102	DS	152.4	No	-	-	-	274	20	130	V-0	All	0
N	0.05	0.15	17 Int:35	DS	50.8	No	-	-	-	260	30	130	V-0	-	-
R	0.1	0.1	17 Int:68	DS	101.6	No	-	-	-	288	30	115	V-0	All	*
R1	0.1	0.1	17 Int:68	DS	101.6	No	-	-	-	288	30	115	V-0	All	3
T	0.08	0.23	17	DS	203.2	No	-	-	-	260	15	105	V-0	-	-
W	0.08	0.23	17	DS	203.2	No	-	-	-	260	15	105	V-0	All	-

Multilayer printed wiring boards (Flammability Recognition)

10C	-	-	-	DS	-	No	-	-	-	274	20	-	V-0	-	0
10H	-	-	-	DS	-	No	-	-	-	274	20	-	V-0	-	3
10R	-	-	-	DS	-	No	-	-	-	274	20	-	V-0	-	0

Single layer printed wiring boards

05	0.12	0.11	17	DS	152	No	-	-	-	288	20	130	V-0	▲	4
06	06	06	17	DS	102	No	-	-	-	288	20	115	V-0	All	0
07 (NOTE 1)	0.06	0.06	68	DS	152.4	No	-	-	-	288	20	130	V-0	All	3
08	0.06	0.06	17	DS	152.4	No	-	-	-	274	20	130	V-0	All	*
1 %	0.08	0.08	16.5	DS	101.6	No	-	-	-	277	20	130	V-0	All	3
1, 1-0	0.076	0.076	17	DS	152.4	No	-	-	-	274	15	130	V-0	All	*
11 (a)	0.1	0.15	16.5	DS	76.2	No	-	-	-	-	-	105	V-0	All	-
13-0	0.114	0.343	17	DS	95.25	No	-	-	-	288	30	130	V-0	All	*
15-0	0.08	0.08	17	SS	101.6	No	-	-	-	300	60	140	V-0	All	4
15A	0.075	0.075	17	DS	101.6	No	-	-	-	288	10	130	V-0	-	-

18A	0.07	0.07	17	DS	50.8	No	-	-	-	288	10	130	V-0	All	-
19A	0.09	0.09	17	DS	101.6	No	-	-	-	288	10	130	V-0	All	-
1AV-0	0.06	0.18	8.5	DS	12.7	No	-	-	-	288	30	130	V-0	All	*
1V-0	0.13	1.07	16.5	DS	25.4	No	-	-	-	260	10	130	V-0	All	*
2	0.1	0.3	17	DS	76.2	No	-	-	-	288	10	105	V-0	All	-
2, 2-0	0.076	0.076	17	DS	152.4	No	-	-	-	274	15	105	V-0	All	*
20A	0.09	0.09	17	DS	25.4	No	-	-	-	288	10	130	V-0	All	-
2V0	0.2	0.2	17	DS	25.4	No	-	-	-	288	20	105	V-0	All	*
2V0+	0.05	0.08	17	DS	25.4	No	-	-	-	274	20	130	V-0	All	*
4%	0.06	0.06	17	DS	101.6	No	-	-	-	288	20	130	V-0	All	3
4, 4-0	0.076	0.076	17	DS	101.6	No	-	-	-	274	15	130	V-0	All	3
5%	0.06	0.06	17	DS	101.6	No	-	-	-	288	20	130	V-0	All	*
5A	0.05	0.05	17	DS	101.6	No	-	-	-	288	10	120	V-0	All	-
5V0	0.05	0.08	8	DS	76.2	No	-	-	-	274	20	130	V-0	All	*
6, 6-0	0.381	0.381	17	DS	152.4	No	-	-	-	274	15	130	V-0	All	*
7	0.05	0.05	17	DS	101.6	No	-	-	-	288	20	140	V-0	All	4
7V0	0.05	0.08	8	DS	76.2	No	-	-	-	274	20	130	V-0	All	*
8	0.07	0.07	17	DS	102	No	-	-	-	288	20	130	V-0	All	2
9-0	0.076	0.229	17	DS	101.6	No	-	-	-	288	10	130	V-0	All	3
9A	0.05	0.05	17	DS	101.6	No	-	-	-	288	10	130	V-0	-	-
F, S, H	0.08	0.23	17	DS	203.2	No	-	-	-	274	20	130	V-0	All	*
II	0.08	0.23	17	DS	215.9	No	-	-	-	260	10	105	V-0	All	*
III	0.08	0.23	17	DS	38.1	No	-	-	-	288	10	130	V-0	All	*
IV	0.07	0.07	17	DS	101.6	No	-	-	-	288	30	130	HB	All	*
K	0.05	0.15	9	DS	203.2	No	-	-	-	260	30	130	V-0	All	*
RV0	0.1	0.1	17	DS	101.6	No	-	-	-	288	30	115	V-0	All	0
V	0.08	0.23	17	DS	203.2	No	-	-	-	274	20	130	V-0	All	-
Single layer printed wiring boards (Flammability Recognition)															
1R	-	-	-	DS	-	No	-	-	-	274	20	-	V-0	-	0
4	-	-	-	DS	-	No	-	-	-	288	10	-	V-0	-	-





* - CTI marking is optional and may be marked on the printed wiring board.

S - Internal copper thickness is limited to 119 microns for some materials

% - May contain maximum internal copper of 136 mic (4 oz) as flood fill plane.

(a) - Hand soldered only.

(NOTE 1) - Maximum external copper thickness of 102 microns (4.02 mils) plated up to 136 microns (5.35 mils).

Marking: Company name or trademark   AC ,  ,  or file number and type designation. May be followed by a suffix to denote factory identification or flammability classification..

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