

# Wiring, Printed Certified for Canada - Component

**COMPANY**

**APCT**

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

E55332

Type	Cond Width		Cond Thk	SS/DSO	Area Diam	Max Report date After	Surface Mount	Assembly		Max		Meets C UL796 T	Class	DSR	I
	Min	Edge						Solder Process	Solder Process	Oper Temp	Flame				
	mm	mm	mic	mm	mm	2022-01-01	Technology	Temp °C	Cycles	°C	sec	°C			
<b>Mass laminated (multilayered) printed wiring boards</b>															
<b>1ML</b>	0.05	0.08	17	DS	76.2	No	-	-	-	274	20	130	V-0	All	*
<b>MF</b>	0.08	0.23	34	DS	203.2	No	-	-	-	260	10	105	V-0	All	-
<b>X</b>	0.08	0.23	34	DS	203.2	No	-	-	-	260	10	105	V-0	All	-
<b>Metal base printed wiring boards</b>															
<b>10-0</b>	0.15	0.15	102 Int:140	DS	101.6	No	-	-	-	274	15	105	V-0	-	-
<b>10-0S</b>	0.05	0.05	20.3	SS	101.6	No	-	-	-	274	15	105	V-0	-	-
<b>10-1 (e)</b>	0.15	0.15	205.8 Int:140	DS	101.6	No	-	-	-	274	15	105	V-0	-	-
<b>11-0</b>	0.08	0.08	15 Int:140	DS	101.6	No	-	-	-	274	15	105	V-0	-	-
<b>Multilayer printed wiring boards</b>															
<b>10%</b>	0.08	0.08	17 Int:102	DS	101.6	No	-	-	-	288	20	130	V-0	All	*
<b>10HB</b>	0.07	0.07	17 Int:102	DS	101.6	No	-	-	-	288	30	130	HB	All	*
<b>10M</b>	0.04	0.12	8 Int:102	DS	101.6	No	-	-	-	274	20	130	V-0	All	*

<b>11V-0</b>	0.05	0.05	17 Int:102	DS	101.6	No	-	-	-	288	30	130	V-0	All	*
<b>12-0 \$</b>	0.11	0.33	17 Int:173	DS	95.25	No	-	-	-	288	30	130	V-0	All	3
<b>14-0</b>	0.08	0.08	17 Int:102	SS	101.6	No	-	-	-	300	60	140	V-0	All	4
<b>2M</b>	0.06	0.08	7.9 Int:169.9	DS	25.4	No	-	-	-	274	20	130	V-0	All	*
<b>2V-0</b>	0.13	0.33	17 Int:102	DS	25.4	No	-	-	-	288	30	130	V-0	All	*
<b>3, 3-0</b>	0.08	0.08	17 Int:107	DS	101.6	No	-	-	-	274	15	130	V-0	All	*
<b>3-2</b>	0.08	0.08	13 Int:97	DS	50.8	No	-	-	-	274	15	130	V-0	All	3
<b>30%</b>	0.08	0.08	17 Int:102	DS	101.6	No	-	-	-	288	20	130	V-0	All	3
<b>3M</b>	0.08	0.08	7.9 Int:169.9	DS	76.2	No	-	-	-	274	20	130	V-0	All	*
<b>3V-0</b>	0.13	0.33	17 Int:102	DS	25.4	No	-	-	-	288	30	130	V-0	All	*
<b>40%</b>	0.06	0.06	17 Int:102	DS	101.6	No	-	-	-	288	20	130	V-0	All	*
<b>4M</b>	0.05	0.08	7.9 Int:169.9	DS	76.2	No	-	-	-	274	20	130	V-0	All	*
<b>4V-0</b>	0.13	0.33	17 Int:102	DS	25.4	No	-	-	-	288	30	130	V-0	All	*
<b>5-0</b>	0.11	0.33	17 Int:102	DS	95.25	No	-	-	-	288	30	130	V-0	All	3
<b>50%</b>	0.06	0.06	17 Int:102	DS	101.6	No	-	-	-	288	20	130	V-0	All	3
<b>5M</b>	0.05	0.08	8 Int:102	DS	76.2	No	-	-	-	274	20	130	V-0	All	*
<b>5V-0</b>	0.13	0.33	17 Int:102	DS	25.4	No	-	-	-	288	30	130	V-0	-	*
<b>60%</b>	0.06	0.06	17 Int:68	DS	101.6	No	-	-	-	288	20	130	V-0	All	*
<b>6M</b>	0.05	0.08	8 Int:68	DS	76.2	No	-	-	-	274	20	130	V-0	All	*
<b>6V-0</b>	0.13	0.33	17 Int:102	DS	25.4	No	-	-	-	288	30	130	V-0	All	*

<b>7, 7-0</b>	0.08	0.08	17 Int:107	DS	101.6	No	-	-	-	274	15	130	V-0	All	*
<b>70%</b>	0.05	0.05	17 Int:68	DS	101.6	No	-	-	-	288	20	140	V-0	All	4
<b>7M</b>	0.05	0.08	8 Int:68	DS	76.2	No	-	-	-	274	20	130	V-0	All	*
<b>7V-1</b>	0.13	0.33	17 Int:102	DS	25.4	No	-	-	-	288	30	140	V-1	All	*
<b>8-0</b>	0.08	0.23	17 Int:107	DS	101.6	No	-	-	-	288	10	130	V-0	▲	*
<b>80%</b>	0.07	0.07	15 Int:70	DS	102	No	-	-	-	288	20	130	V-0	All	2
<b>8M</b>	0.05	0.075	9.4 Int:68	DS	76.2	No	-	-	-	274	20	130	V-0	All	3
<b>8V-0</b>	0.1	0.1	17 Int:34	DS	12.8	No	-	-	-	252	10	105	V-0	All	*
<b>90</b>	0.06	0.06	17 Int:68	DS	101.6	No	-	-	-	288	20	130	V-0	All	2
<b>9M</b>	0.05	0.05	8 Int:102	DS	101.6	No	-	-	-	274	20	130	V-0	All	3
<b>9V-0</b>	0.06	0.18	8.5 Int:136	DS	12.7	No	-	-	-	288	30	130	V-0	All	*
<b>A, M</b>	0.08	0.23	17	DS	203.2	No	-	-	-	260	15	105	V-0	All	-
<b>G%</b>	0.05	0.12	9 Int:136	DS	203.2	No	-	-	-	260	30	130	V-0	All	3
<b>G1</b>	0.05	0.12	9 Int:70	DS	157	No	-	-	-	260	30	130	V-0	All	3
<b>J</b>	0.05	0.15	9 Int:68	DS	203.2	No	-	-	-	260	30	130	V-0	All	*
<b>L</b>	0.05	0.15	17 Int:70	DS	50.8	No	-	-	-	260	30	130	V-0	▲	*
<b>M</b>	0.08	0.23	17 Int:102	DS	38.1	No	-	-	-	288	10	130	V-0	All	*
<b>M5</b>	0.12	0.11	17 Int:64	DS	152	No	-	-	-	288	20	130	V-0	All	4
<b>M6</b>	0.06	0.06	17 Int:68	DS	102	No	-	-	-	288	20	115	V-0	All	*
<b>M7 (NOTE 1)</b>	0.06	0.06	68 Int:102	DS	152.4	No	-	-	-	288	20	130	V-0	All	3
<b>M8</b>	0.06	0.06	17 Int:102	DS	152.4	No	-	-	-	274	20	130	V-0	All	0

<b>M9</b>	0.06	0.06	17 Int:102	DS	152.4	No	-	-	-	274	20	130	V-0	All	0
<b>N</b>	0.05	0.15	17 Int:35	DS	50.8	No	-	-	-	260	30	130	V-0	-	-
<b>R</b>	0.1	0.1	17 Int:68	DS	101.6	No	-	-	-	288	30	115	V-0	All	*
<b>R1</b>	0.1	0.1	17 Int:68	DS	101.6	No	-	-	-	288	30	115	V-0	All	3
<b>T</b>	0.08	0.23	17	DS	203.2	No	-	-	-	260	15	105	V-0	-	-
<b>W</b>	0.08	0.23	17	DS	203.2	No	-	-	-	260	15	105	V-0	All	-

**Multilayer printed wiring boards (Flammability Recognition)**

<b>10C</b>	-	-	-	DS	-	No	-	-	-	274	20	-	V-0	-	0
<b>10H</b>	-	-	-	DS	-	No	-	-	-	274	20	-	V-0	-	3
<b>10R</b>	-	-	-	DS	-	No	-	-	-	274	20	-	V-0	-	0

**Single layer printed wiring boards**

<b>05</b>	0.12	0.11	17	DS	152	No	-	-	-	288	20	130	V-0	▲	4
<b>06</b>	06	06	17	DS	102	No	-	-	-	288	20	115	V-0	All	0
<b>07 (NOTE 1)</b>	0.06	0.06	68	DS	152.4	No	-	-	-	288	20	130	V-0	All	3
<b>08</b>	0.06	0.06	17	DS	152.4	No	-	-	-	274	20	130	V-0	All	*
<b>1 %</b>	0.08	0.08	16.5	DS	101.6	No	-	-	-	277	20	130	V-0	All	3
<b>1, 1-0</b>	0.076	0.076	17	DS	152.4	No	-	-	-	274	15	130	V-0	All	*
<b>13-0</b>	0.114	0.343	17	DS	95.25	No	-	-	-	288	30	130	V-0	All	*
<b>15-0</b>	0.08	0.08	17	SS	101.6	No	-	-	-	300	60	140	V-0	All	4
<b>1AV-0</b>	0.06	0.18	8.5	DS	12.7	No	-	-	-	288	30	130	V-0	All	*
<b>1V-0</b>	0.13	1.07	16.5	DS	25.4	No	-	-	-	260	10	130	V-0	All	*
<b>2, 2-0</b>	0.076	0.076	17	DS	152.4	No	-	-	-	274	15	105	V-0	All	*
<b>2V0</b>	0.2	0.2	17	DS	25.4	No	-	-	-	288	20	105	V-0	All	*
<b>2V0+</b>	0.05	0.08	17	DS	25.4	No	-	-	-	274	20	130	V-0	All	*
<b>4%</b>	0.06	0.06	17	DS	101.6	No	-	-	-	288	20	130	V-0	All	3
<b>4, 4-0</b>	0.076	0.076	17	DS	101.6	No	-	-	-	274	15	130	V-0	All	3
<b>5%</b>	0.06	0.06	17	DS	101.6	No	-	-	-	288	20	130	V-0	All	*
<b>5V0</b>	0.05	0.08	8	DS	76.2	No	-	-	-	274	20	130	V-0	All	*



<b>6, 6-0</b>	0.381	0.381	17	DS	152.4	No	-	-	-	274	15	130	V-0	All	*
<b>7</b>	0.05	0.05	17	DS	101.6	No	-	-	-	288	20	140	V-0	All	4
<b>7V0</b>	0.05	0.08	8	DS	76.2	No	-	-	-	274	20	130	V-0	All	*
<b>8</b>	0.07	0.07	17	DS	102	No	-	-	-	288	20	130	V-0	All	2
<b>9-0</b>	0.076	0.229	17	DS	101.6	No	-	-	-	288	10	130	V-0	All	3
<b>F, S, H</b>	0.08	0.23	17	DS	203.2	No	-	-	-	274	20	130	V-0	All	*
<b>II</b>	0.08	0.23	17	DS	215.9	No	-	-	-	260	10	105	V-0	All	*
<b>III</b>	0.08	0.23	17	DS	38.1	No	-	-	-	288	10	130	V-0	All	*
<b>IV</b>	0.07	0.07	17	DS	101.6	No	-	-	-	288	30	130	HB	All	*
<b>K</b>	0.05	0.15	9	DS	203.2	No	-	-	-	260	30	130	V-0	All	*
<b>RVO</b>	0.1	0.1	17	DS	101.6	No	-	-	-	288	30	115	V-0	All	0
<b>V</b>	0.08	0.23	17	DS	203.2	No	-	-	-	274	20	130	V-0	All	-
<b>Single layer printed wiring boards (Flammability Recognition)</b>															
<b>1R</b>	-	-	-	DS	-	No	-	-	-	274	20	-	V-0	-	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.

(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  or file number and type designation and the Recognized Component Mark for Canada, . May be followed by a suffix to denote factory identification or flammability classification..

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