

UL Product iQ™



ZPMV2.E122342 - Wiring, Printed - Component

Wiring, Printed - Component

See General Information for Wiring, Printed - Component

ADVANCED CIRCUITS INC

21101 E 32ND PKWY

AURORA, CO 80011-8149 USA

E122342

Type	Cond Width		Cond Thk mic(mil)	SS/ DS/ DSO	Max	Max		Meets UL796 UL96 UL97 UL98 UL99 UL100 UL101 UL102 UL103 UL104 UL105 UL106 UL107 UL108 UL109 UL110 UL111 UL112 UL113 UL114 UL115 UL116 UL117 UL118 UL119 UL120 UL121 UL122 UL123 UL124 UL125 UL126 UL127 UL128 UL129 UL130 UL131 UL132 UL133 UL134 UL135 UL136 UL137 UL138 UL139 UL140 UL141 UL142 UL143 UL144 UL145 UL146 UL147 UL148 UL149 UL150 UL151 UL152 UL153 UL154 UL155 UL156 UL157 UL158 UL159 UL160 UL161 UL162 UL163 UL164 UL165 UL166 UL167 UL168 UL169 UL170 UL171 UL172 UL173 UL174 UL175 UL176 UL177 UL178 UL179 UL180 UL181 UL182 UL183 UL184 UL185 UL186 UL187 UL188 UL189 UL190 UL191 UL192 UL193 UL194 UL195 UL196 UL197 UL198 UL199 UL200 UL201 UL202 UL203 UL204 UL205 UL206 UL207 UL208 UL209 UL210 UL211 UL212 UL213 UL214 UL215 UL216 UL217 UL218 UL219 UL220 UL221 UL222 UL223 UL224 UL225 UL226 UL227 UL228 UL229 UL230 UL231 UL232 UL233 UL234 UL235 UL236 UL237 UL238 UL239 UL240 UL241 UL242 UL243 UL244 UL245 UL246 UL247 UL248 UL249 UL250 UL251 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	Metal base printed wiring boards.													
10-0	0.15 (0.006)	0.15 (0.006)	102 (4.02) Int:140	DS	101.6 (4.0)	274	15	105	V-0	-	-			
10-0S	0.05 (0.002)	0.05 (0.002)	20.3 (0.80)	SS	101.6 (4.0)	274	15	105	V-0	-	-			
10-1 (e)	0.15 (0.006)	0.15 (0.006)	205.8 (8.10) Int:140	DS	101.6 (4.0)	274	15	105	V-0	-	-			
11-0	0.08 (0.003)	0.08 (0.003)	15 (0.59) Int:140	DS	101.6 (4.0)	274	15	105	V-0	-	-			
Multilayer printed wiring boards.														
10HB	0.07 (0.003)	0.07 (0.003)	17 (0.67) Int:102	DS	101.6 (4.0)	288	30	130	HB	All	*			
11V-0	0.05 (0.002)	0.05 (0.002)	17 (0.67) Int:102	DS	101.6 (4.0)	288	30	130	V-0	All	*			
12-0 \$	0.11 (0.004)	0.33 (0.013)	17 (0.67) Int:173	DS	95.25 (3.7)	288	30	130	V-0	All	3			
14-0	0.08 (0.003)	0.08 (0.003)	17 (0.67) Int:102	SS	101.6 (4.0)	300	60	140	V-0	All	4			
2V-0	0.13 (0.005)	0.33 (0.013)	17 (0.67) Int:102	DS	25.4 (1.0)	288	30	130	V-0	All	*			

3, 3-0	0.08 (0.003)	0.08 (0.003)	17 (0.67) Int:107	DS	101.6 (4.0)	274	15	130	V-0	All	*
3-2	0.08 (0.003)	0.08 (0.003)	13 (0.51) Int:97	DS	50.8 (2.0)	274	15	130	V-0	All	3
3V-0	0.13 (0.005)	0.33 (0.013)	17 (0.67) Int:102	DS	25.4 (1.0)	288	30	130	V-0	All	*
4V-0	0.13 (0.005)	0.33 (0.013)	17 (0.67) Int:102	DS	25.4 (1.0)	288	30	130	V-0	All	*
5-0	0.11 (0.004)	0.33 (0.013)	17 (0.67) Int:102	DS	95.25 (3.7)	288	30	130	V-0	All	3
5V-0	0.13 (0.005)	0.33 (0.013)	17 (0.67) Int:102	DS	25.4 (1.0)	288	30	130	V-0	-	*
6V-0	0.13 (0.005)	0.33 (0.013)	17 (0.67) Int:102	DS	25.4 (1.0)	288	30	130	V-0	All	*
7, 7-0	0.08 (0.003)	0.08 (0.003)	17 (0.67) Int:107	DS	101.6 (4.0)	274	15	130	V-0	All	*
8-0	0.08 (0.003)	0.23 (0.009)	17 (0.67) Int:107	DS	101.6 (4.0)	288	10	130	V-0	▲	*
8V-0	0.1 (0.004)	0.1 (0.004)	17 (0.67) Int:34	DS	12.8 (0.5)	252	10	105	V-0	All	*
9V-0	0.06 (0.002)	0.18 (0.007)	8.5 (0.33) Int:136	DS	12.7 (0.5)	288	30	130	V-0	All	*
M	0.08 (0.003)	0.23 (0.009)	17 (0.67) Int:102	DS	38.1 (1.5)	288	10	130	V-0	All	*
M5	0.12 (0.005)	0.11 (0.004)	17 (0.67) Int:64	DS	152 (6.0)	288	20	130	V-0	All	4
M6	0.06 (0.002)	0.06 (0.002)	17 (0.67) Int:68	DS	102 (4.0)	288	20	115	V-0	All	*
M7 (NOTE 1)	0.06 (0.002)	0.06 (0.002)	68 (2.68) Int:102	DS	152.4 (6.0)	288	20	130	V-0	All	3
M8	0.06 (0.002)	0.06 (0.002)	17 (0.67) Int:102	DS	152.4 (6.0)	274	20	130	V-0	All	0
M9	0.06 (0.002)	0.06 (0.002)	17 (0.67) Int:102	DS	152.4 (6.0)	274	20	130	V-0	All	0
Single layer printed wiring boards.											
05	0.12 (0.005)	0.11 (0.004)	17 (0.67)	DS	152 (6.0)	288	20	130	V-0	▲	4

06	06 (0.236)	06 (0.236)	17 (0.67)	DS	102 (4.0)	288	20	115	V-0	All	0
07 (NOTE 1)	0.06 (0.002)	0.06 (0.002)	68 (2.68)	DS	152.4 (6.0)	288	20	130	V-0	All	3
08	0.06 (0.002)	0.06 (0.002)	17 (0.67)	DS	152.4 (6.0)	274	20	130	V-0	All	*
09	0.06 (0.002)	0.06 (0.002)	17 (0.67)	DS	152.4 (6.0)	274	20	130	V-0	All	*
1, 1-0	0.076 (0.003)	0.076 (0.003)	17 (0.67)	DS	152.4 (6.0)	274	15	130	V-0	All	*
13-0	0.114 (0.004)	0.343 (0.014)	17 (0.67)	DS	95.25 (3.7)	288	30	130	V-0	All	*
15-0	0.08 (0.003)	0.08 (0.003)	17 (0.67)	SS	101.6 (4.0)	300	60	140	V-0	All	4
1AV-0	0.06 (0.002)	0.18 (0.007)	8.5 (0.33)	DS	12.7 (0.5)	288	30	130	V-0	All	*
1V-0	0.13 (0.005)	1.07 (0.042)	16.5 (0.65)	DS	25.4 (1.0)	260	10	130	V-0	All	*
2, 2-0	0.076 (0.003)	0.076 (0.003)	17 (0.67)	DS	152.4 (6.0)	274	15	105	V-0	All	*
4, 4-0	0.076 (0.003)	0.076 (0.003)	17 (0.67)	DS	101.6 (4.0)	274	15	130	V-0	All	3
6, 6-0	0.381 (0.015)	0.381 (0.015)	17 (0.67)	DS	152.4 (6.0)	274	15	130	V-0	All	*
7V-1	0.13 (0.005)	0.33 (0.013)	17 (0.67) Int:102	DS	25.4 (1.0)	288	30	140	V-1	All	*
9-0	0.076 (0.003)	0.229 (0.009)	17 (0.67)	DS	101.6 (4.0)	288	10	130	V-0	All	3
II	0.08 (0.003)	0.23 (0.009)	17 (0.67)	DS	215.9 (8.5)	260	10	105	V-0	All	*
III	0.08 (0.003)	0.23 (0.009)	17 (0.67)	DS	38.1 (1.5)	288	10	130	V-0	All	*
IV	0.07 (0.003)	0.07 (0.003)	17 (0.67)	DS	101.6 (4.0)	288	30	130	HB	All	*
V	0.05 (0.002)	0.05 (0.002)	17 (0.67)	DS	101.6 (4.0)	288	30	130	V-0	All	*

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

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

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

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

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