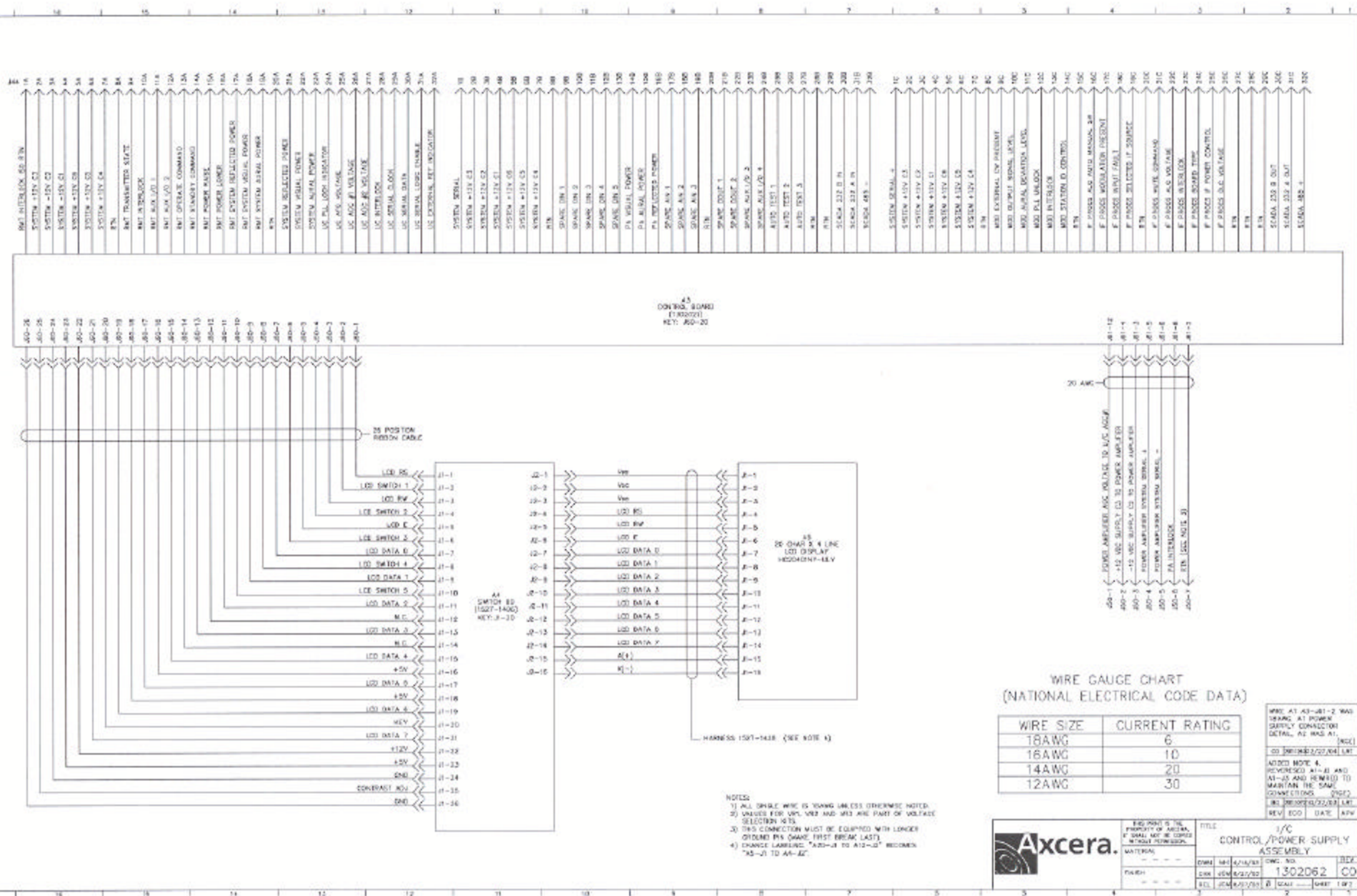




WIRE GAUGE CHART
(NATIONAL ELECTRICAL CODE DATA)

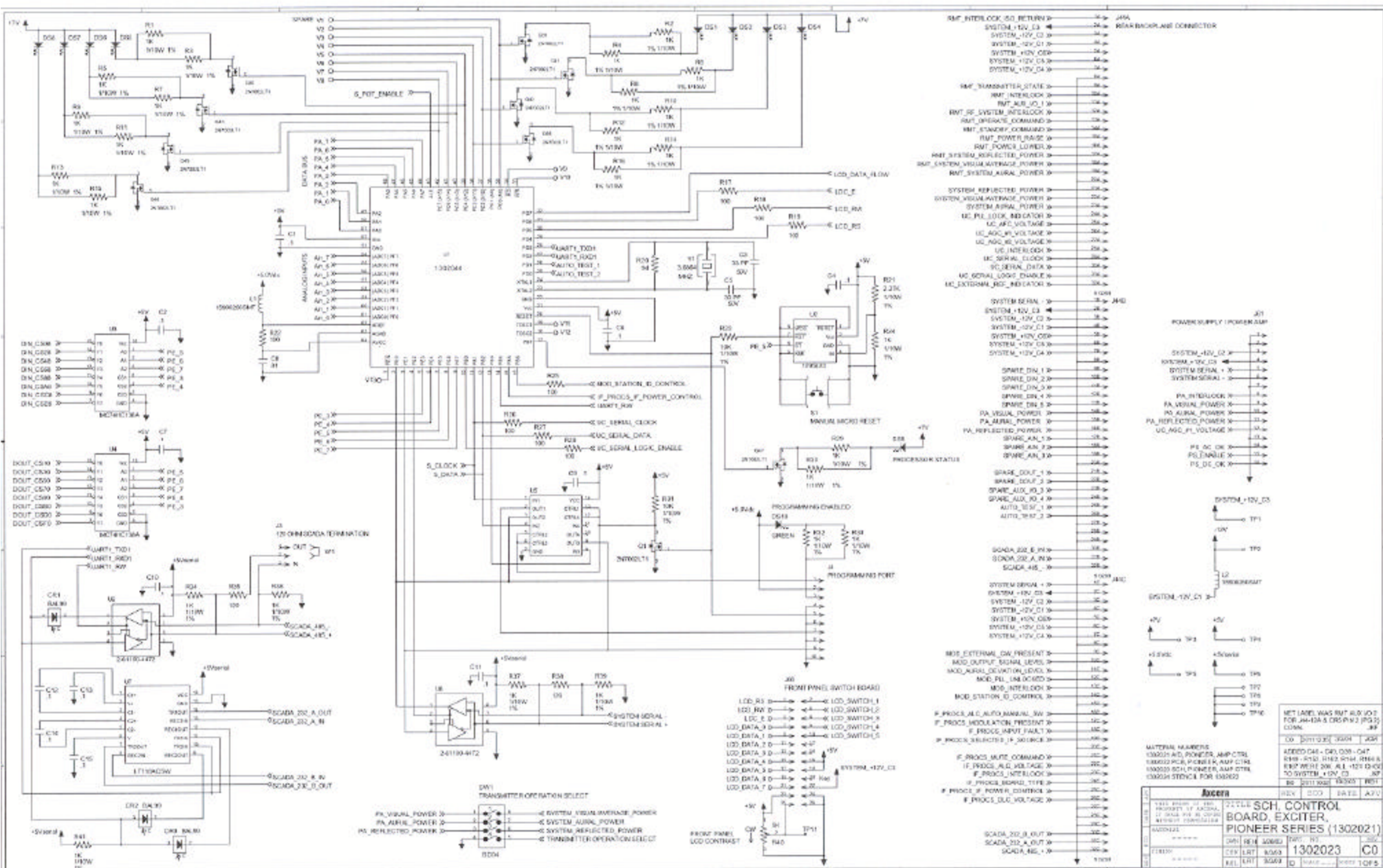
WIRE SIZE	CURRENT RATING
18AWG	6
16AWG	10
14AWG	20
12AWG	30

HPRE A1 A3-J81-2 WAS	
ISSUED A1 POWER	
SUPPLY CONDUCTOR	
DETAIL A2 WAS A1.	(REV)
CD 0000002/27/04 LRT	
ADDED NOTE 4.	
REVERSED A1-A3 AND	
A1-A5 AND REMOVED TO	
MAINTAIN THE SAME	
CONNECTIONS	
	(PAGE)
REV 0000004/22/04 LRT	
REV 0000004/22/04 LRT	

NOTES:

- 1) ALL SINGLE WIRE IS YELLOW UNLESS OTHERWISE NOTED.
- 2) UNLESS FOR VOLT, VOLT AND- MEZ ARE PART OF VOLTAGE SELECTION SETS.
- 3) THIS CONNECTION MUST BE EQUIPPED WITH LINGER OILMENT PHS (WAKE, FIRST BREAK LAST).
- 4) CHANGE LABELING: "A20-1 TO A12-12" BECOMES "A5-1 TO A6-12".



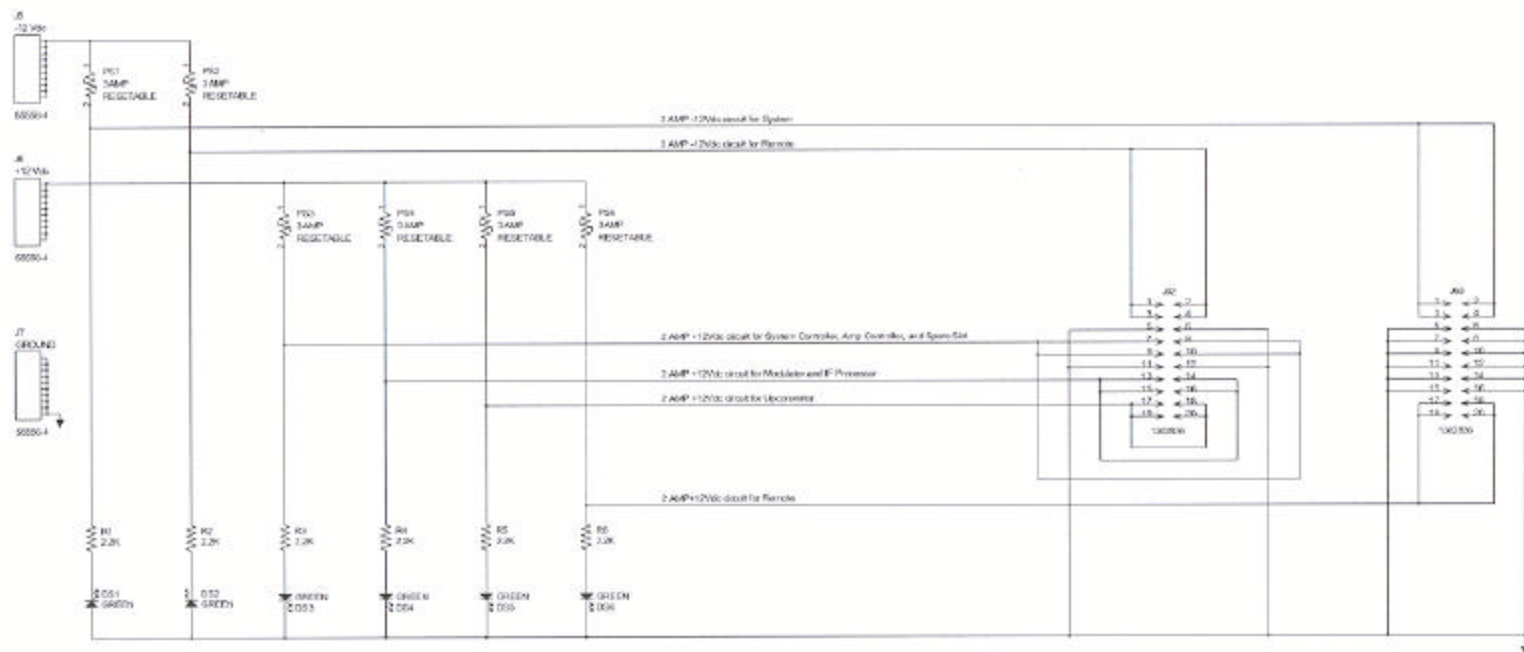
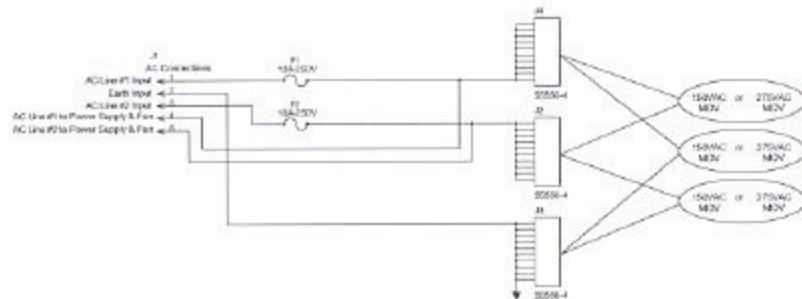


MET LABEL WAS RMT RUC VO 2
FOR J44-12A-5 CRS P/N 2 (PG 2)
CONN. 38

MATEFAS, HARMETUS
1300214 AID, PHONE
1300212 PIC, PHONE
1300210 SCH, PHONE
1300208 STONCE, PO

ARIZONA		REV	2011 ROAD	PROCES	REST
TITLE SCH. CONTROL BOARD, EXCITER, PIONEER SERIES (1302021)		REV	200	DATE	APV
1. TITLE SCH. CONTROL BOARD, EXCITER, PIONEER SERIES (1302021) 2. 1302021 3. 1302021 4. 1302021 5. 1302021 6. 1302021 7. 1302021 8. 1302021 9. 1302021 10. 1302021 11. 1302021 12. 1302021 13. 1302021 14. 1302021 15. 1302021 16. 1302021 17. 1302021 18. 1302021 19. 1302021 20. 1302021 21. 1302021 22. 1302021 23. 1302021 24. 1302021 25. 1302021 26. 1302021 27. 1302021 28. 1302021 29. 1302021 30. 1302021 31. 1302021 32. 1302021 33. 1302021 34. 1302021 35. 1302021 36. 1302021 37. 1302021 38. 1302021 39. 1302021 40. 1302021 41. 1302021 42. 1302021 43. 1302021 44. 1302021 45. 1302021 46. 1302021 47. 1302021 48. 1302021 49. 1302021 50. 1302021 51. 1302021 52. 1302021 53. 1302021 54. 1302021 55. 1302021 56. 1302021 57. 1302021 58. 1302021 59. 1302021 60. 1302021 61. 1302021 62. 1302021 63. 1302021 64. 1302021 65. 1302021 66. 1302021 67. 1302021 68. 1302021 69. 1302021 70. 1302021 71. 1302021 72. 1302021 73. 1302021 74. 1302021 75. 1302021 76. 1302021 77. 1302021 78. 1302021 79. 1302021 80. 1302021 81. 1302021 82. 1302021 83. 1302021 84. 1302021 85. 1302021 86. 1302021 87. 1302021 88. 1302021 89. 1302021 90. 1302021 91. 1302021 92. 1302021 93. 1302021 94. 1302021 95. 1302021 96. 1302021 97. 1302021 98. 1302021 99. 1302021 100. 1302021 101. 1302021 102. 1302021 103. 1302021 104. 1302021 105. 1302021 106. 1302021 107. 1302021 108. 1302021 109. 1302021 110. 1302021 111. 1302021 112. 1302021 113. 1302021 114. 1302021 115. 1302021 116. 1302021 117. 1302021 118. 1302021 119. 1302021 120. 1302021 121. 1302021 122. 1302021 123. 1302021 124. 1302021 125. 1302021 126. 1302021 127. 1302021 128. 1302021 129. 1302021 130. 1302021 131. 1302021 132. 1302021 133. 1302021 134. 1302021 135. 1302021 136. 1302021 137. 1302021 138. 1302021 139. 1302021 140. 1302021 141. 1302021 142. 1302021 143. 1302021 144. 1302021 145. 1302021 146. 1302021 147. 1302021 148. 1302021 149. 1302021 150. 1302021 151. 1302021 152. 1302021 153. 1302021 154. 1302021 155. 1302021 156. 1302021 157. 1302021 158. 1302021 159. 1302021 160. 1302021 161. 1302021 162. 1302021 163. 1302021 164. 1302021 165. 1302021 166. 1302021 167. 1302021 168. 1302021 169. 1302021 170. 1302021 171. 1302021 172. 1302021 173. 1302021 174. 1302021 175. 1302021 176. 1302021 177. 1302021 178. 1302021 179. 1302021 180. 1302021 181. 1302021 182. 1302021 183. 1302021 184. 1302021 185. 1302021 186. 1302021 187. 1302021 188. 1302021 189. 1302021 190. 1302021 191. 1302021 192. 1302021 193. 1302021 194. 1302021 195. 1302021 196. 1302021 197. 1302021 198. 1302021 199. 1302021 200. 1302021 201. 1302021 202. 1302021 203. 1302021 204. 1302021 205. 1302021 206. 1302021 207. 1302021 208. 1302021 209. 1302021 210. 1302021 211. 1302021 212. 1302021 213. 1302021 214. 1302021 215. 1302021 216. 1302021 217. 1302021 218. 1302021 219. 1302021 220. 1302021 221. 1302021 222. 1302021 223. 1302021 224. 1302021 225. 1302021 226. 1302021 227. 1302021 228. 1302021 229. 1302021 230. 1302021 231. 1302021 232. 1302021 233. 1302021 234. 1302021 235. 1302021 236. 1302021 237. 1302021 238. 1302021 239.					





Circuit Design Notes

1. Track widths of 0.140 inch minimum top and bottom of board shall be used to connections to J1, J2, J3, J4.
2. Track widths of 0.140 inch minimum top of board shall be used to connections to J5 and J6.
3. Track widths of 0.085 inch minimum shall be used to connections to J7 and J8.
4. Track widths of 0.020 inch minimum shall be used to connections between L1, L2, and L3.
5. Board (1302837) provides the following notes added to those specified from Omron:

Part Number	Qty	Description
1302837	1	Fuse Clip, PC 60 Mnt., 15 Amp.

NATIONAL BOARD:
 DESIGNER: PIONEER, POWER PROTECT
 DESIGNER: PIONEER, POWER PROTECT
 DESIGNER: PIONEER, POWER PROTECT
 DESIGNER: PIONEER, POWER PROTECT

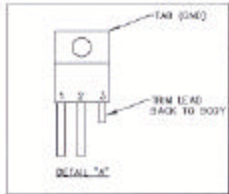
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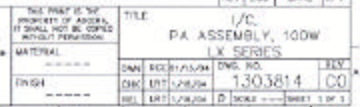
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AT A4, REVERSED AS AND
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BD 000000 5/1/04 LRT
REV CD 0000 0400 AFV

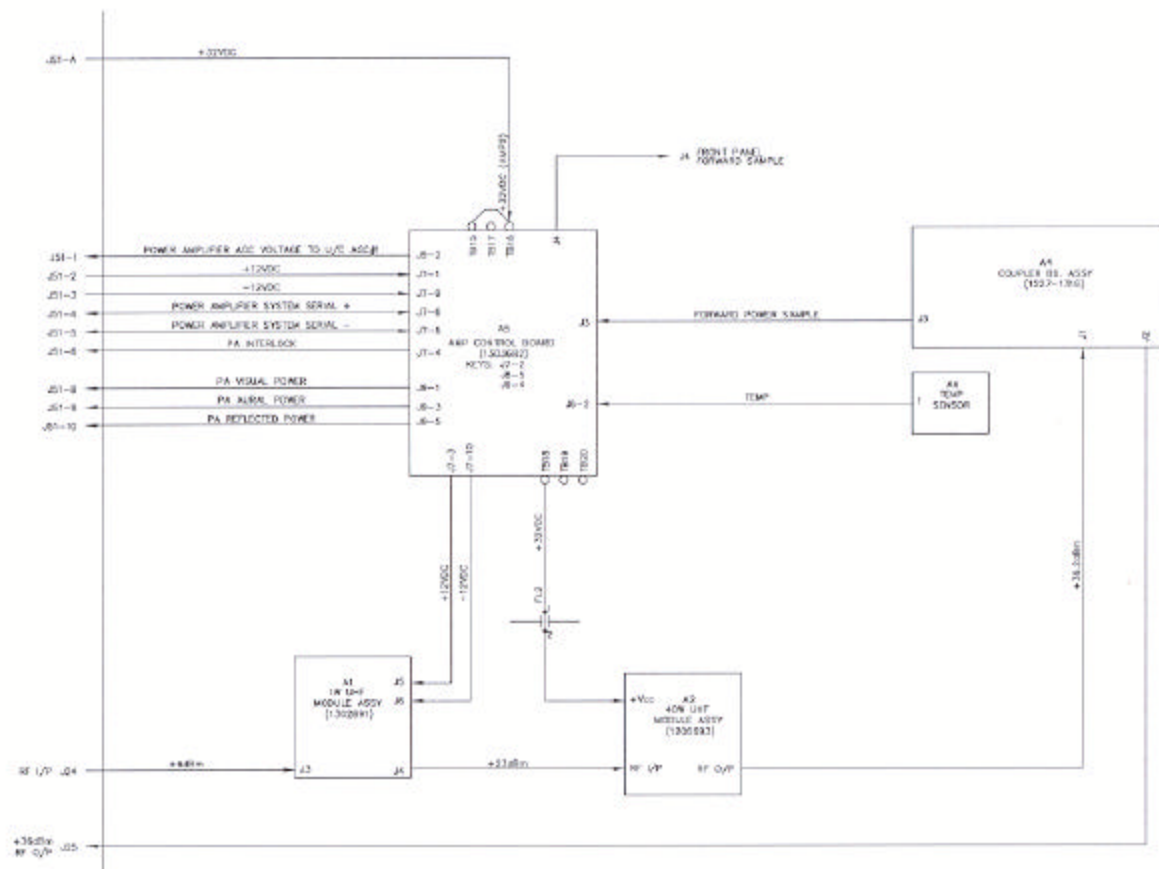


BRIEF DESCRIPTION PROPERTY OF ARCADIA IT SHALL NOT BE COPIED WITHOUT PERMISSION		TITLE B/D PA ASSEMBLY, 100W LX SERIES		REV.	
MATERIAL		DATE	REV	DATE	REV
FINISH		DATE	REV	DATE	REV
		DATE	REV	DATE	REV



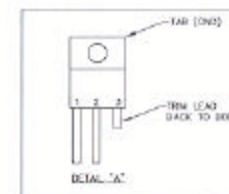
AS WAS 130100Z	(RGE)
CR 200100Z	12/05/04
AT AA BEVER SEC 25 AND	
JO WRE AT AS-J7=V	
WAS 10 AND	(RGE)
DS 200100Z	5/7/04
REV ECG	0430





NOTE:
1. ALL POWER LEVELS ARE PK-PEAK +10% MARG. FOR DTG
LEVELS, SUBTRACT 10%.

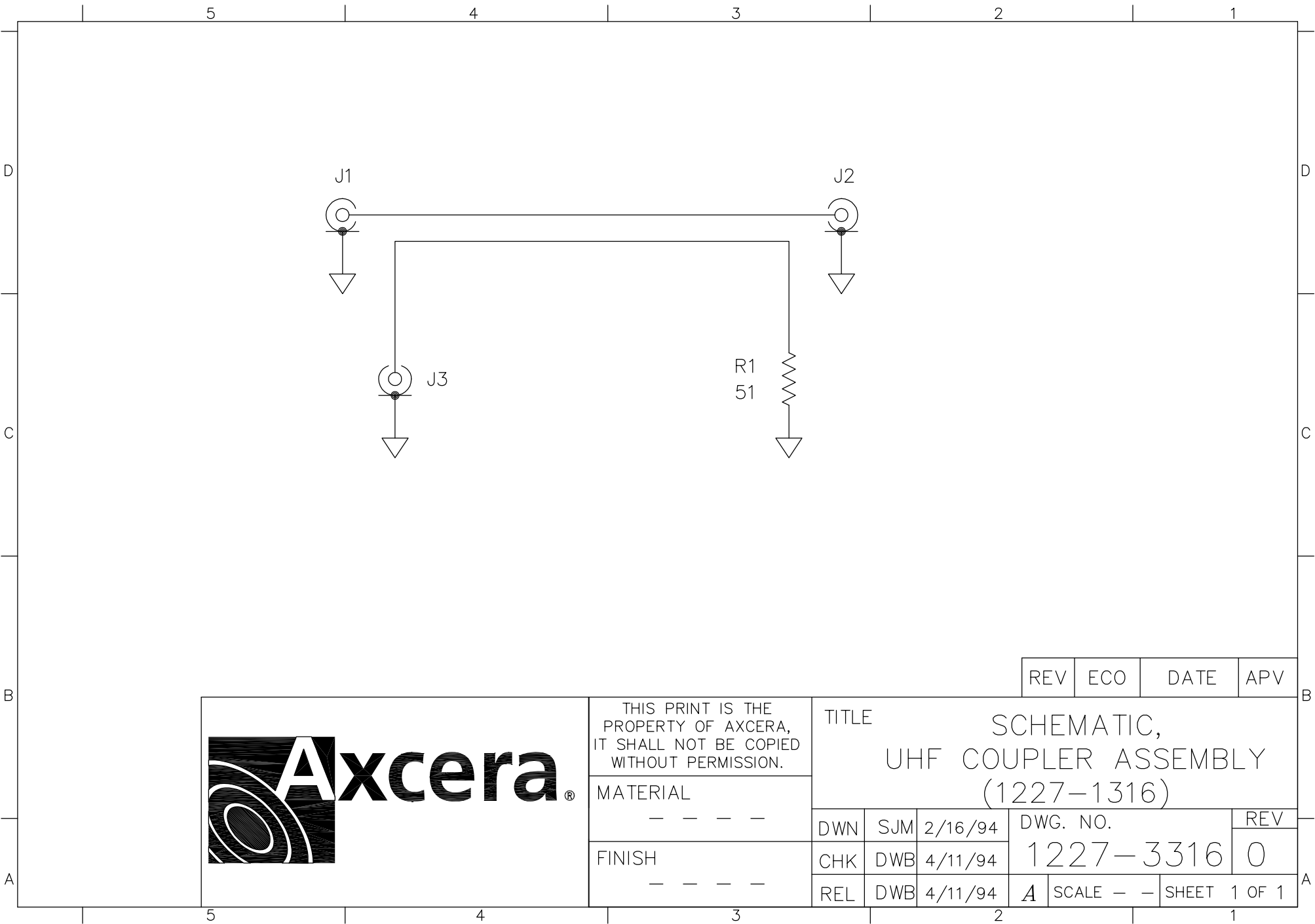
	THE PATENT IS THE PROPERTY OF AXCERA. IT SHALL NOT BE COPIED WITHOUT PERMISSION.		TITLE PA ASSEMBLY, 1KW DRIVER LX SERIES	
	WATERMARK 1303662		DWS NO. 1303851	
DWS 1303662/1303851		DWS NO. 1303851		REV
DWS 1303662/1303851		DWS NO. 1303851		REV
DWS 1303662/1303851		DWS NO. 1303851		REV



AG	WMO	1.300802	(R0)
CG	DRGNO	0/10/14	RD+
WSE AT J01-T NWS			
10N00			
RG	DRGNO	0/22/14	LRT
REV	(1)	DATE	APV



BUT PRINT IS THE PROPERTY OF INTERLUX, INC. IT SHALL NOT BE COPIED WITHOUT PERMISSION.		TITLE		REV. CHG. DATE		DATE	
MATERIAL		I/C		PA. ASSEMBLY, 1KW DRIVER			
		IX SERIES					
		Dwg. No.		1303817		CQ	
FRESH		Dwg. No.		1303817		CQ	
-----		REV. CHG. DATE		SCALE		SHEET 1 OF 1	



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MATERIAL

— — — —

FINISH

— — — —

TITLE

SCHEMATIC,
UHF COUPLER ASSEMBLY
(1227-1316)

DWN

SJM

2/16/94

DWG. NO.

1227-3316

REV

0

CHK

DWB

4/11/94

REL

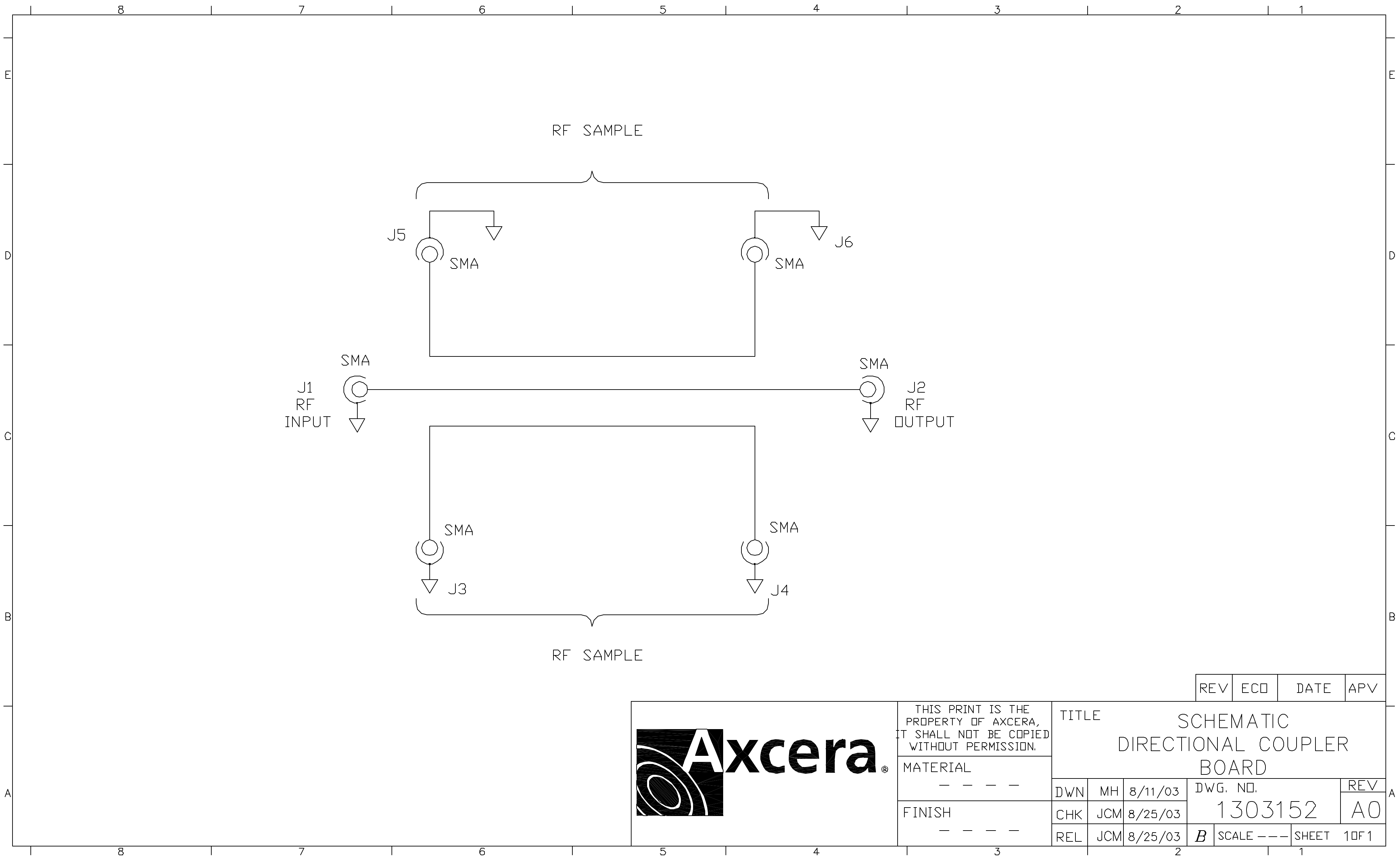
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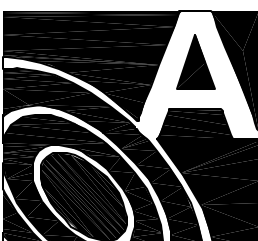
4/11/94

A

SCALE — —

SHEET 1 OF 1



 Axcera®	THIS PRINT IS THE PROPERTY OF AXCERA, IT SHALL NOT BE COPIED WITHOUT PERMISSION.			TITLE SCHEMATIC DIRECTIONAL COUPLER BOARD					
	MATERIAL — — — —			DWN	MH	8/11/03	DWG. NO.		REV
	FINISH — — — —			CHK	JCM	8/25/03	1303152		A0
				REL	JCM	8/25/03	B	SCALE — — —	SHEET 1 OF 1