




Schematic Diagram for HPN9041 Power Supply  
for the GR400 X-Pand Repeater

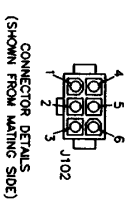
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December, 1998

- UNLESS OTHERWISE NOTED
1. ALL RESISTORS 5%, 0.5W, C.F. IN OHMS
  2. ALL CAPACITORS IN MICROFARADS.
  3.  PRINTED CIRCUIT BOARD CONNECTIONS.
  4.  TO BE SELECTED IN TEST.
  5.  PART OF J1

U1 VOLTAGE		
PIN#	NO. LOAD	FULL LOAD
2	13.1V	14.0V
3	13.8V	13.7V
4	7.2V	7.2V
5	7.2V	7.2V
6	7.2V	7.2V
7	0.0V	0.0V
10	14.8V	16.5V
11	29.0V	25.0V
12	29.0V	25.0V
13	16.1V	17.8V

RPD-98110-0



NOTES: 1. THE HPN9041 POWER SUPPLY IS MADE BY ASTRON, AND IS USED IN THE GR400 X-PAND REPEATERS.  
2. THE SCHEMATIC FOR THIS POWER SUPPLY IS REMARKABLY SIMILAR TO THE ASTRON RS-20, EXCEPT FOR A FEW COMPONENT VALUES.

