

# LOU-GED-DS3800NFDB-9AA

## 9.0 NFDB TEST INSTRUCTIONS

### 9.1 SCOPE

THE FOLLOWING DESCRIBES THE SETUP AND TEST PROCEDURE FOR THE PWB DS3800NFDB. THIS TEST APPLIES TO THE FOLLOWING VERSIONS:  
1A1A

### 9.2 SPECIAL TEST EQUIPMENT

NONE

### 9.3 POWER SUPPLY REQUIREMENTS

NONE

### 9.4 INITIAL SETUP

NONE

### 9.5 DAUGHTER BOARD

NONE

### 9.6 TEST PROCEDURE

1. VERIFY PROPER MOUNTING OF SCRI AND MAKE SURE CONNECTION ARE ROUTED PER SILK SCREENING. CATHODE (C) IS THE LARGE TERMINAL. GATE (G) IS THE SMALL TERMINAL. AND ANODE (A) CONNECTS BETWEEN THE BRACKET AND THE STAR WASHER. ALSO MAKE SURE SOLDER AND CRIMP CONNECTIONS ARE PROPER.
2. VERIFY SECURE MOUNTING OF C1.
3. VERIFY PROPER ORIENTATION OF CR1 AND CR2.
4. VERIFY THERE ARE SCREWS IN ALL POSITIONS OF TERMINAL BOARDS.
5. VERIFY R1-R6 ARE OF THE RIGHT TYPE AND VALUE PER THE CHART BELOW. NOTE THAT R2 AND R3-5 ARE SPACED OFF OF BOARD.

RESISTOR	WATTAGE	VALUE
R1	1/2 WATT	47.5 +/- .475 OHMS
R2	20 WATT	13 +/- 1.3 OHMS
R3	2 WATT	39 +/- 1.95 OHMS
R4	2 WATT	39 +/- 1.95 OHMS
R5	2 WATT	39 +/- 1.95 OHMS
R6	1/2 WATT	1000 +/- 10 OHMS

END OF TEST

REV. 1	REV. 4	REV. 7	PRINTS TO DL109	ENGINEER RCV 4/14/83	GENERAL ELECTRIC DSO SALEM, VA, USA	Test Specific ation
REV. 2	REV. 5	ISSUED 4/14/83				DS 3 8 0 0 N F D B
REV. 3	REV. 6	MADE BY R. Vanderpool				SALEM, VA, USA PART. ON SH. FL: SH. NO. 9AA