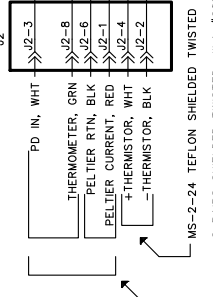


DISCLAIMER:
 Schematic is for illustrative purposes only
 No Warranty is expressed or implied
 Not responsible for loss or injury including death
 resulting from any attempt to use
 the information contained in this diagram
 No technical support is offered



**JILA LASER DIODE CURRENT CONTROLLER
 CURRENT SOURCING TYPE**

- CHOICES FOR J2 / J91:**
- * AMP 212047-1 8-PIN RECEPTACLE FOR ALL FUNCTIONS W/TEMP.
 - * RT ANGLE BNC FOR LD ONLY AT J91;
 - * 126 STYLE FOR LD + (PANEL MT.)



- Q10 / Q11 / Q1 NOTES:**
- 1) USE HEATSINK #3986 ON Q10 / Q11
 - 2) ADD FERRITE BEADS #3269 COVERED BY HEATSHRINK TUBING TO SOURCE & DRAIN (OR E/C) LEADS
- L10 & L11 ARE OPTIONAL OR ADD NOISE REDUCTION ON CURRENT LEADS. WINDINGS: WRAP IN U-METAL FOIL SHORT ACROSS IF NOT USING.**
- R16 MAY BE VISHAY VHP-3/VHP-4 300 OHM 1% RESISTORS IN PARALLEL.**

LASER DIODE MAXIMUM IOUT = 6.85V / R16
 FOR DEFAULT COMPONENT VALUES
 IOUT = 137 mA MAX

