3.3 Volt SCSI Termination
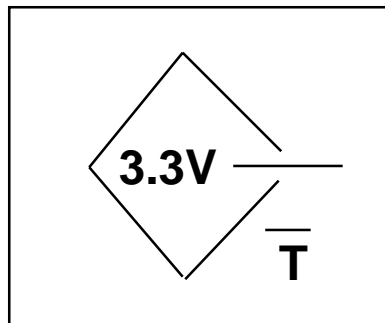
- **3.3 Volts doesn't work with a diode Drop.**
  - **3.3 Volts minus tolerance minus diode drop is less than 3.0 Volts.**
  - **3.3 Volt systems should connect to 5 Volt SCSI termpwr requiring a regulator for 3.0 to 5.25 Volt operation.**

- **Unidirectional Circuit Breaker Required for less than 0.2 Volt drop.**

- **Alternative Optional 2.7V 0.3Volt drop out regulator with 110 ohm resistors meet SCSI-3 24 mA at 0.2V.**

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3.3 Volt Basics

- **3.3 Volt Requires 3.3 Volt terminators at the far end or power from an other device.**

    - **Standard termination requires at least 4.0 Volts.**

    - **Not all 3.3 Volt systems can provide power for the far end terminator.**

    - **Special Icons showing users the limitations.**

Low Power Mode

- **Battery systems with short buses do not need standard termination currents.**

    – **Buses less than 0.3 meters within an encloser**

    – **Reduce currents down to 1mA**

    – **Switch to normal termination when a cable is attached.**

- **Battery systems often require termpwr to be supplied externally.**

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