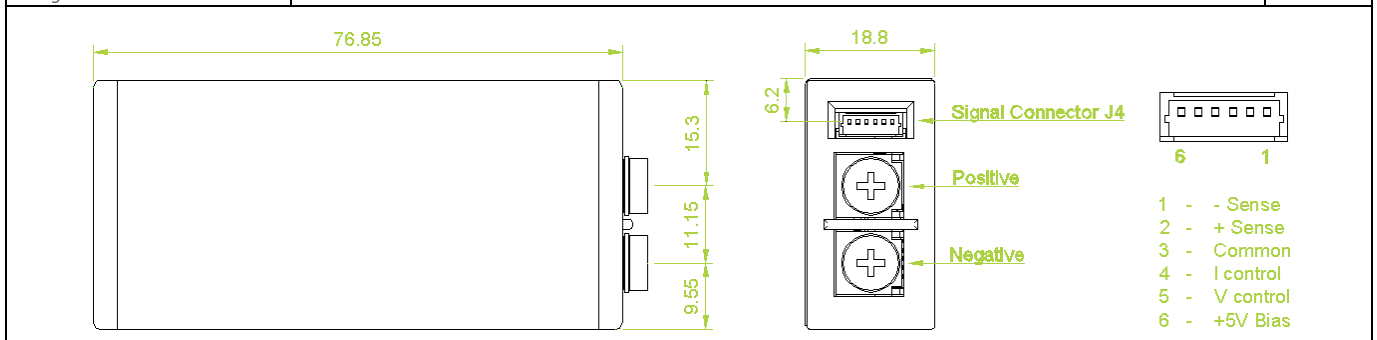




### OUTPUT MODULE D SPECIFICATIONS

| Parameter                        | Details   | Min   | Typical    | Max        | Units             |
|----------------------------------|---|-------|------------|------------|-------------------|
| Output Voltage Range             | Manual adjustment   | 18    | 48         | 58         | Volts             |
| Output Current Rating            |   |       |            | 3.75       | Amps              |
| Output Power Rating              |   |       |            | 150        | Watts             |
| Peak Power Rating                | Maximum 5 seconds   |       |            | 217.5      | Watts             |
| Initial voltage setting accuracy | Factory set units   | -0.5  |            | 0.5        | %                 |
| Load Regulation                  | Measured at sense terminals   | -300  |            | 300        | mV                |
| Line Regulation                  | Measured at sense terminals   | -0.1  |            | 0.1        | %V <sub>NOM</sub> |
| Cross Regulation                 | Measured at sense terminals   | -0.2  |            | 0.2        | %V <sub>NOM</sub> |
| Minimum load                     |   | 0     |            |            | Watts             |
| Temperature coefficient          |   | -0.02 |            | +0.02      | %/°C              |
| Ripple and Noise                 | 20MHz BW, pk-pk   |       |            | 1          | %V <sub>NOM</sub> |
| Transient response               | 25% to 75% load transient at 0.25A/uS<br>Recovery to within 10% of V <sub>SET</sub> |       |            | 3          | Volts             |
| Turn on rise time                | Monotonic 10% to 90%  | 1.5   |            | 3.5        | mS                |
| Turn on overshoot                |   |       |            | 0.1        | %V <sub>SET</sub> |
| Turn on delay                    | AC to PG<br>EN to PG  |       | 2000<br>15 | 3000<br>20 | mS                |
| Current share accuracy           | Error from ideal sharing current. Valid for loads > 20% of rating.                  | -5    |            | +5         | %                 |
| Open Sense offset                | Voltage offset between sense lines and output terminals when sense lines unused     |       |            | 2          | %V <sub>NOM</sub> |
| Holdup voltage                   |   |       |            | 50         | Volts             |
| Isolation to ground              | Each output terminal  |       |            | 500        | Volts             |
| Over current protection          |   | 105   | 115        | 125        | %Rated            |
| Reverse current protection       |   | -6    |            | 0          | %Rated            |
| Short circuit protection         | Period/Duty cycle/Voltage Threshold (Measured at sense terminals)                   |       | 125/3/3.5  |            | mS/%/V            |
| Over Voltage Protection          |   |       | 66         |            | Volts             |
| Over Temperature Protection      | Various locations   | 115   |            | 125        | °C                |
| Sense Cable Protection           | Positive<br>Negative  | -1    |            | 2<br>1     | Volts             |
| Power Good Threshold             | Low threshold only  |       | 90         |            | %V <sub>SET</sub> |
| Current Output Signal            | $V_{CURRENT} = 4 * I_{OUT} / I_{RATED}$   | 0     |            | 125        | %Rated            |
| Current Limit Control            | $I_{LIMIT} = I_{RATED} * V_{CONTROL} / 4$   | 0     |            | 100        | %Rated            |
| Remote Voltage Control           | $V_{OUT} = V_{SET} * (5 - V_{CONTROL}) / 3.8$                                       | 0     |            | 131.5      | %V <sub>SET</sub> |
| Bias Supply                      | 10mA Max  | 4.5   |            | 5.2        | Volts             |
| Reliability                      | 30°C base, 100% load, SR332 Issue 2 Method I, Case 3, Ground, Fixed, Controlled     |       |            | 0.5        | FPMH              |
| Warranty                         |   |       |            | 5          | Years             |
| Wire Size                        |   | 20    | 18         | 10         | AWG               |
| Size                             | 77 (L) x 18.8 (W) x 36 (H)  |       |            |            | mm                |
| Weight                           | 100   |       |            |            | Grams             |



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