

## DC-DC LAMP DIMMER



AvtechTyee's 1826 series DC-DC Lamp Dimmer is a 75 Watt, Pulse Width Modulated DC-DC power supply which provides variable, 0 to 5 VDC, 15A maximum power to flight deck based upon the setting of a 10 kohm potentiometer situated on the flight instrument panel.



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Housed in an aluminum enclosure the 1826 series can be easily mounted to the aircraft with two pan-head screws through open-end slots cut into the base plate flanges on opposite sides of the unit. Electrical connection is made through a single connector.

- Input Voltage: 20.5 to 32.2 Vdc (reverse-polarity protected)
- Input Current: 3.5 Amps (nominal at maximum output)
- Output Voltage: 0 to 5.5 Vdc, 15 Amps (maximum)
- Output Control: Single turn 10kohm potentiometer, 1/2 Watt
- Current Limit: Fold back > 16.75 Amps
- Efficiency: >70%

Since 1969 AvtechTyee has been a leader in the design, development, and manufacture of electronic systems for the aerospace industry, with a focus in three product groups: Audio, Avionics and Structures.

AvtechTyee products are flying onboard 42 aircraft types within the air transport, regional commuter, and business jet sectors, serving 450 customers in 49 countries of the world.

Our versatility in supporting aerospace electronics requirements ranges from the custom design and manufacturing of complex power supplies to complete Digital Audio Systems.

AvtechTyee is certified to ISO9001, AS9100 and the FAA's ACSEP. Product Support includes in-house repair services (FAA approved Repair Station #IG6R621N), loaner/exchange programs, and both in-house and offsite airline training.

### AvtechTyee Corporation

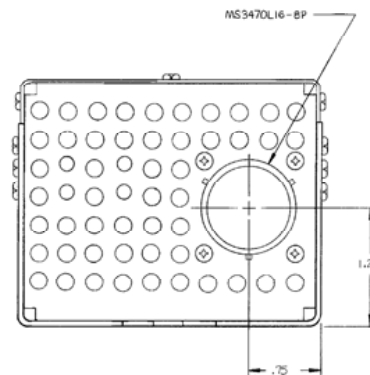
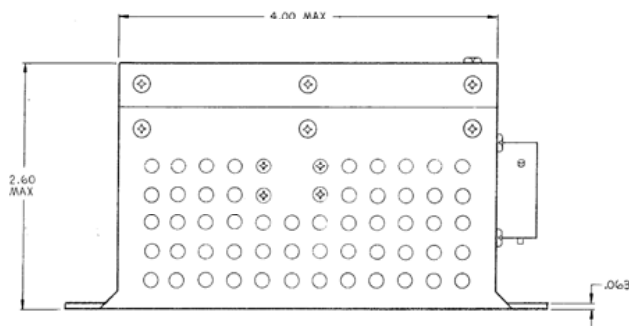
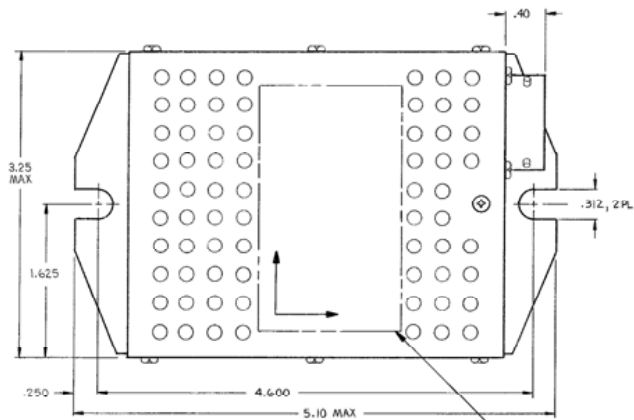
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