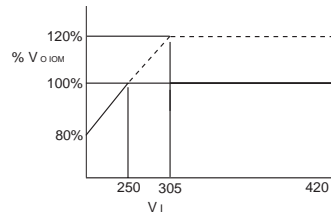


Environmental Specifications

| | |
|----------------------------|---|
| Operating temperature | -20 °C to +100 °C (case temperature) |
| Start up temperature | -40 °C to +100 °C (case temperature) |
| Storage temperature | -40 °C to +125 °C |
| Overtemperature protection | 110 °C max |
| MTBF | TBD hours |



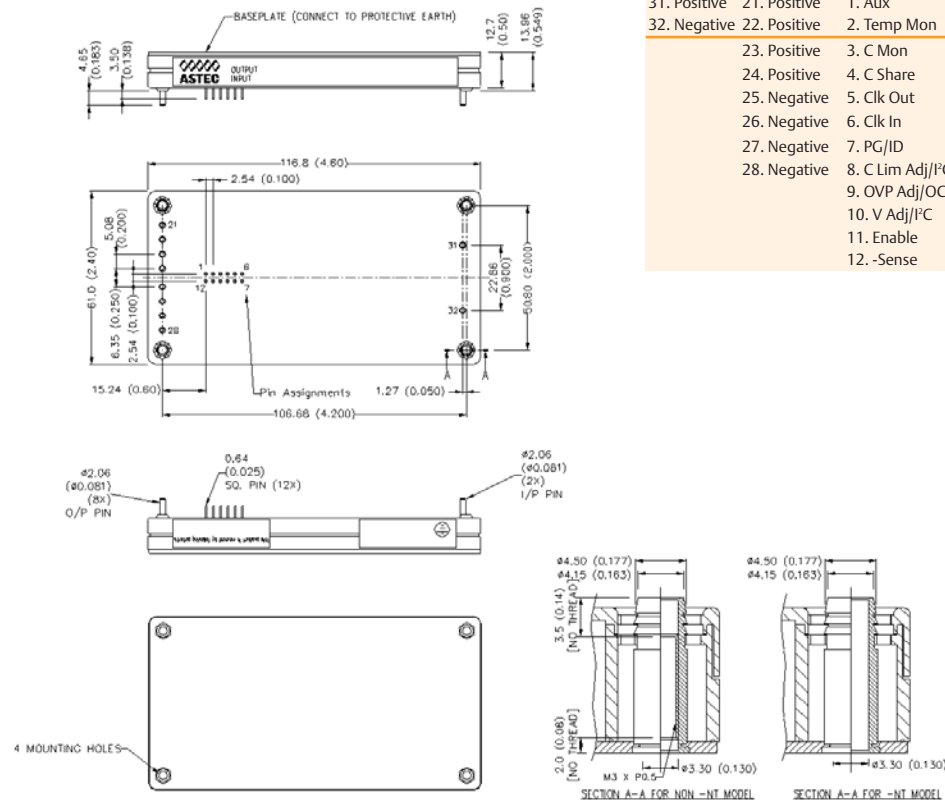
*Voltage Adjust
see chart on page 1

Ordering Information

| Input Voltage | Output Voltage | Efficiency | Model Number | Notes |
|---------------|----------------|------------|--------------|-----------------|
| 300 V | 48 V @ 12.5 A | 90% (Typ) | AIF12W300-L | Positive Enable |
| 300 V | 48 V @ 12.5 A | 90% (Typ) | AIF12W300N-L | Negative Enable |

Note:
1. For Non-thread hole, add suffix "-NT".

Mechanical Drawing



Pin Assignments

| Input | Output | Control Pins |
|--------------|--------------|---------------------|
| 31. Positive | 21. Positive | 1. Aux |
| 32. Negative | 22. Positive | 2. Temp Mon |
| | 23. Positive | 3. C Mon |
| | 24. Positive | 4. C Share |
| | 25. Negative | 5. Clk Out |
| | 26. Negative | 6. Clk In |
| | 27. Negative | 7. PG/ID |
| | 28. Negative | 8. C Lim Adj/PC CLK |
| | | 9. OVP Adj/OC5 |
| | | 10. V Adj/PC |
| | | 11. Enable |
| | | 12. -Sense |

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