

Features

- 0.25WATT SIP PACKAGE
- EFFICIENCY TO 65%
- 100% BURNED IN
- UL 94V-0 PACKAGE MATERIAL
- CUSTOM SOLUTIONS AVAILABLE
- PI INPUT FILTER
- UNREGULATED OUTPUT TYPES
- RECOGNIZED BY UL 60950-1
- MTBF:>3,500,000 HRS



WIDE INPUT VOLTAGE RANGE
0.25 WATT DC-DC CONVERTER

Input Specifications

| | |
|---------------------|---------|
| Input Voltage | :3.3Vdc |
| Input Voltage Range | :±5% |

Output Specifications

| | | |
|--------------------------|---------------|---------------------------------|
| Output Voltage | :3.3Vdc | |
| Output Voltage Accuracy | :±5% | @Vout=3.135~3.465Vdc@Vin=3.3Vdc |
| Output Current | :76mA | |
| Efficiency | :65% TYP | |
| Ripple / Noise | :150mVp-p MAX | @20MHz Bandwidth |
| Short Circuit Protection | :Short team | |
| Line Regulation | :1.2% TYP | @ For 1.0% OF Vin |
| Load Regulation | :15% MAX | @10% to 100% full load |
| NO Load | :5V MAX | |

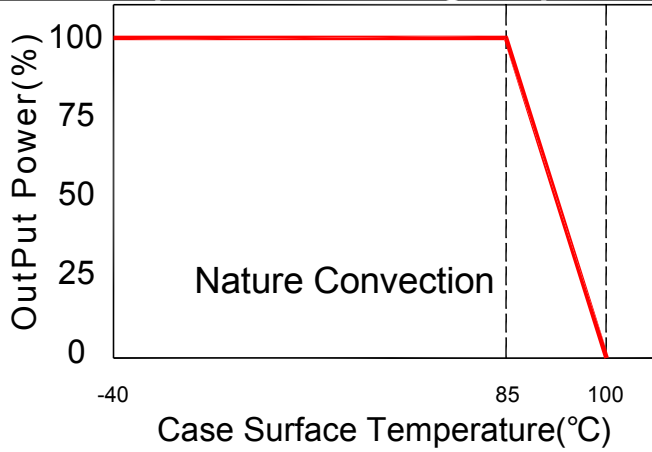
General Specifications

| | | |
|--|-----------------------|------------------------------------|
| Operating Temperature Range | : -40°C ~ +85°C | |
| Storage Temperature | : -40°C ~ +85°C | |
| Switching Frequency | : 100KHz TYP | |
| Humidity | : 95% MAX | |
| Isolation Voltage | : 1000Vdc | @Input to Output (2sec/0.5mA) |
| Isolation Resistance | : 1000MΩ MIN | @ 500Vdc |
| Cooling | : Free air convection | |
| MTBF | : >3500000 Hours | MIL-HDBK-217F@25°C, Ground Benign. |
| Case Material | : DAP | |
| Weight | : 1.3g TYP | |
| Conducted Emissions | : EN55022 Class A | |
| Radiated Emissions | : EN55022 Class A | |
| We Can Offer EMC-Filter According To EN55011/22 Class B. | | |

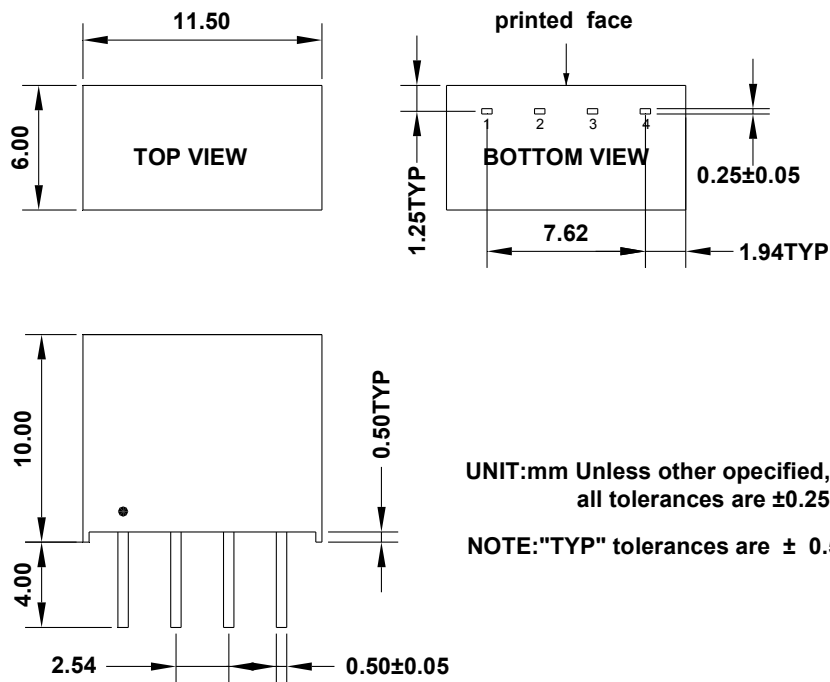
Temperature Derating Graph

Part Number

ICI11D-03S03NNL



Outline Dimensions



UNIT:mm Unless other opesified,
all tolerances are ±0.25
NOTE:"TYP" tolerances are ± 0.50

| PIN | 1 | 2 | 3 | 4 |
|--------|------|------|-------|-------|
| SINGLE | -Vin | +Vin | -Vout | +Vout |