

PRODUCT PROGRAM						

MODEL SELECTION

IB 05 12 X T -1W

Product Series	In Voltage
Output Voltage	Fixed Pin
SMD Package Style	Rated Power

MODEL SELECTION

IB 05 12 N X T -1W

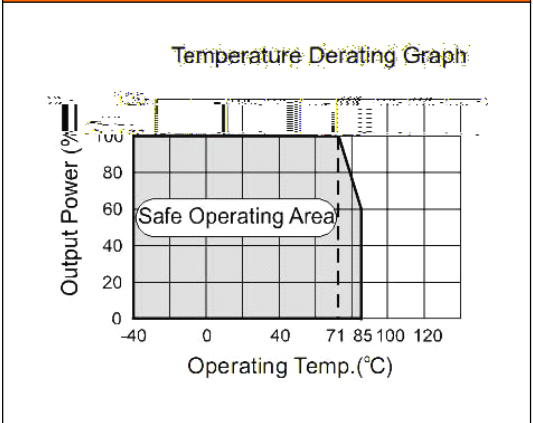
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Output Voltage	No Pin
Fixed Pin	SMD Package Style
Rated Power	



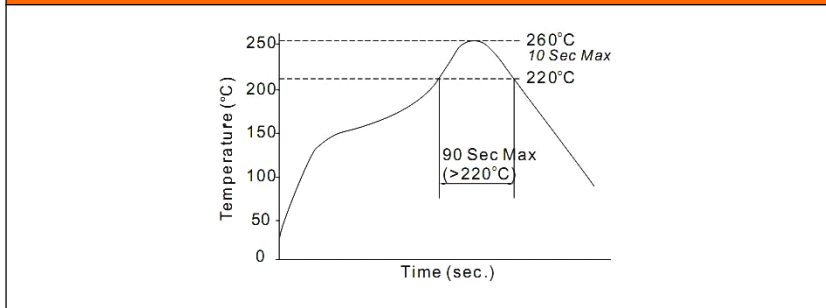
CE REACH

OUTPUT SPECIFICATIONS

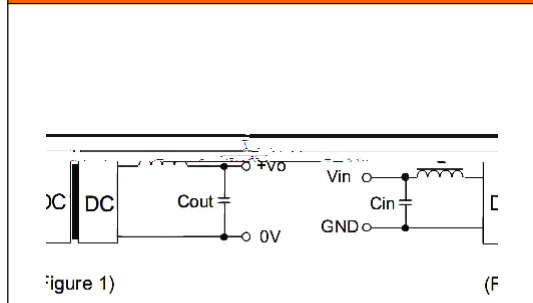
TYPICAL CHARACTERISTICS



RECOMMENDED REFLOW SOLDERING PROFILE



RECOMMENDED CIRCUIT



APPLICATION NOTE

- 1) Requirement on output load
- 2) Recommended testing circuit
- 3) Overload Protection
- 4) When the environment temperature is higher than 71 , the product output power should be less then 60% of the rated power
- 5) No parallel connection or plug and play

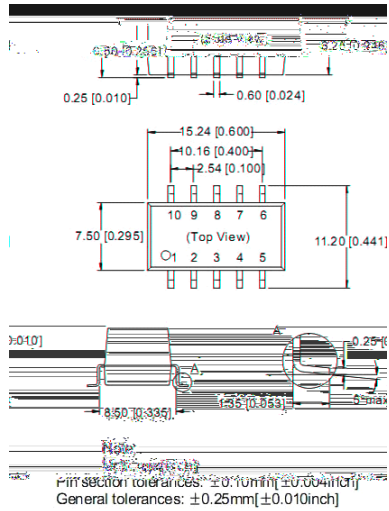
PARAMETER TABLE (TABLE 1) EXTERNAL CAPACITORS

Vout (VDC)	Cout (μF)	Vin (VDC)	Cin (μF)
1	12	2.2	12
1	-	-	15

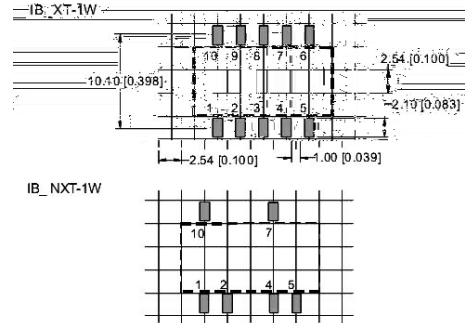
As per the application note, use more than 0.5 watt output.

OUTLINE DIMENSIONS & FOOTPRINT DETAILS

MECHANICAL DIMENSIONS



RECOMMENDED FOOTPRINT



FOOTPRINT DETAILS		
Pin	IB-XT-1W	IB-NXT-1W
1	GND	GND
2	Vin	Vin
4	0V	0V
7	+Vo	+Vo
5, 10	NC	NC
3, 6, 8, 9	NC	No Pin

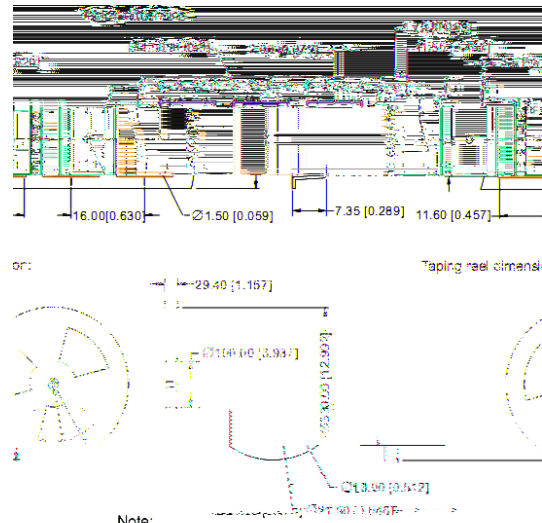
NC: No Connection

TUBE OUTLINE DIMENSIONS



Note:
 Unit: mm[inch]
 General tolerances: $\pm 0.5\text{mm}$ [$\pm 0.020\text{inch}$]
 L=530mm[20.866inch] Devices per tube quantity: 33pcs
 L=220mm[8.661inch] Devices per tube quantity: 12pcs

REEL PACKING OUTLINE DIMENSIONS



Note:
 Unit: mm[inch]
 General tolerances: $\pm 0.5\text{mm}$ [$\pm 0.020\text{inch}$]
 Devices per reel quantity: 500pcs