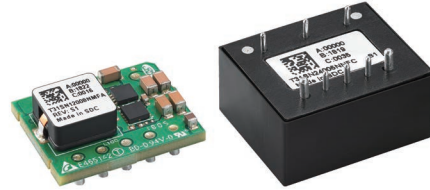


FEATURES

Electrical

- Efficiency up to 98.0%
- Industry standard 1/32 brick form factor
- Thermal limit, input UVLO, output OCP
- Wide output voltage trim range
- Output Remote sense
- Monotonic startup into normal and pre-biased loads
- No minimum load requirement
- Working altitude to 5000m
- Power Good optional



1/32
brick

non-
isolated

Mechanical Option

- Open frame / Potting with standard case / Potting with flanged case

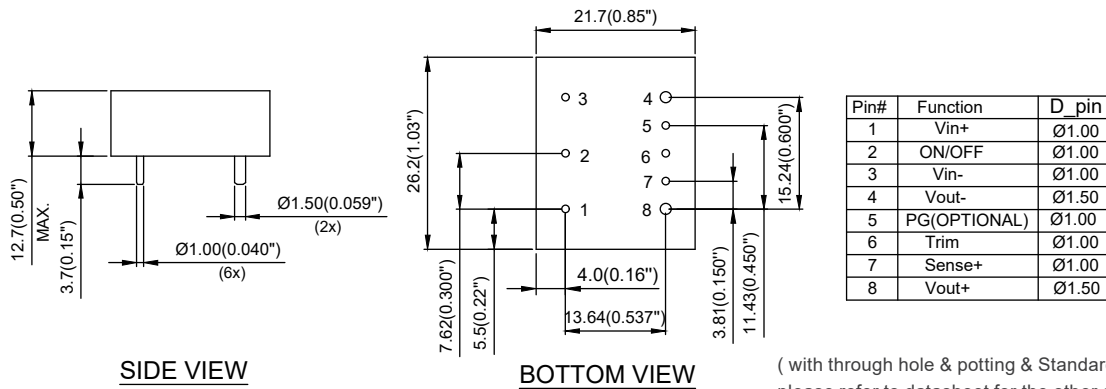
Safety & Certificate

- IEC/EN/UL/CSA 62368-1
- IEC/EN/UL/CSA 60950-1

SPECIFICATIONS

Part Number	Input Voltage	Output Voltage	Output Range	Output Current	Output Power	Efficiency	Size (LxWxH)
T31SN12008	9~53V	3.3~16.5V	3.3~16.5V	8A	Max 100W	98.0%	19.1x23.4x9.6 mm
T31SN24005	9~53V	5~30V	5~30V	4.5A	Max 100W	98.0%	19.1x23.4x9.6 mm

MECHANICAL DRAWING



PART NUMBERING SYSTEM

T	31	S	N	120	08	N	N	F	A				
Form Factor	Input Voltage	Number of Outputs	Product Series	Output Voltage	Output Current	ON/OFF Logic	Pin Length	RoHS	Option Code				
T - 1/32 Brick	31 - 9V~53V	S - Single	N - Family Name	120 - 3.3~16.5 240 - 5~30V	08 - 8A 05 - 4.5A	N - Negative P - Positive	N - 0.145" M - SMD	F - RoHS 6/6 (Lead Free)	Power Good	Standard Case (Potting)	Flanged Case (Potting)		
									A	No	No	No	
									B	Yes	No	No	
									C	Yes	Yes	No	
									D	No	Yes	No	
									E	Yes	No	Yes	
									F	No	No	Yes	

Non-Isolated DC-DC Power Module & Point-of-Load