

Features

- 10 WATT DIL PACKAGE
- EFFICIENCY TO 86%
- PI INPUT FILTER
- 100% BURNED IN
- UL 94V-0 PACKAGE MATERIAL
- CUSTOMIZED SOLUTIONS AVAILABLE
- REGULATED OUTPUT TYPE
- Remote Control: On/Off



**10 Watt DC/DC
Converter**

WIDE INPUT VOLTAGE RANGE

10 WATT DC-DC CONVERTERS

Input Specifications

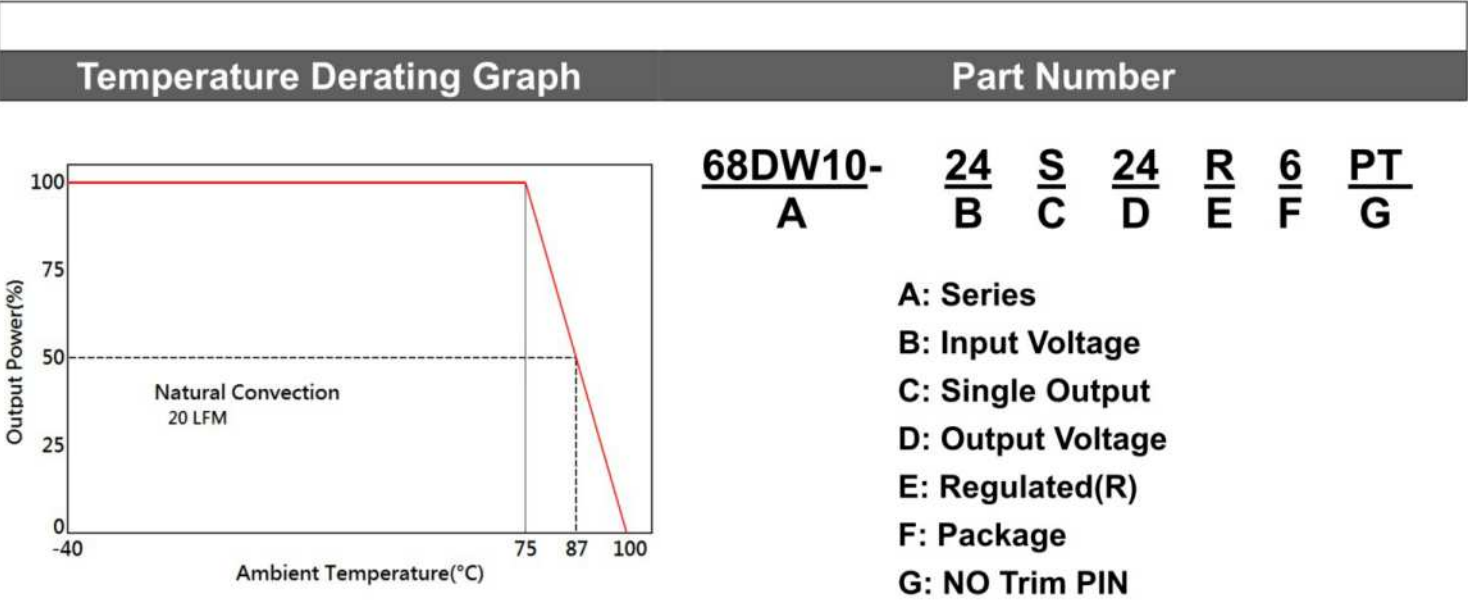
Input Voltage	:24Vdc	
Input Voltage Range	:9~36Vdc	
Remote ON/OFF	:Open or 3~12Vdc(DC/DC ON)	@Positive logic (Standard)
	:Short or 0~1.2Vdc(DC/DC OFF)	(Refer to -Vin PIN)
	:-0.5 ~ +0.5 mA	@Input current of Remote ON/OFF pin
	:3 mA TYP	@Remote off input current

Output Specifications

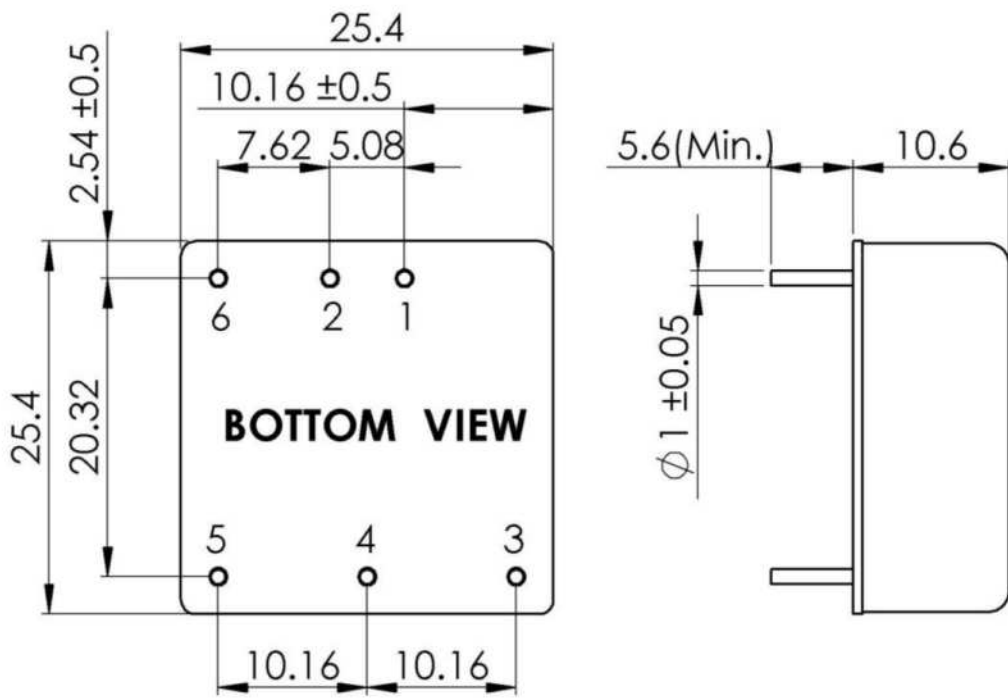
Output Voltage	:24Vdc	
Output Voltage Accuracy	: ±2%	@23.52~24.48Vdc @Vin=9~36Vdc
Output Current	:416mA	
Efficiency	:86% TYP.	@Vin=24Vdc
Ripple / Noise	:240mVp-p MAX.	@20MHz Bandwidth
Short Circuit Protection	: Continuous	@Hiccup, auto-recovery
Line Regulation	: ±0.5% MAX.	@ Full Load
Load Regulation	: ±0.5% MAX.	@25%F. L TO 100%F. L

General Specifications

Operating Temperature Range	: -40°C ~ +87°C (with derating)	Output load derate 4% per degree Celsius above 75°C as refer to temperature derating graph.
Storage Temperature	: -55°C ~ +125°C	
Switching Frequency	:400KHz TYP.	
Humidity	:95% MAX.	
Isolation Voltage	:1500Vdc	
Isolation Resistance	:1000MΩ MIN.	
Cooling	: Natural Convection	@20LFM
MTBF	:>=560000 Hours	MIL-HDBK-217F@25°C, Ground Benign.
Case Material	: Six-side shielded case	
Weight	:16.5g TYP.	



Outline Dimensions

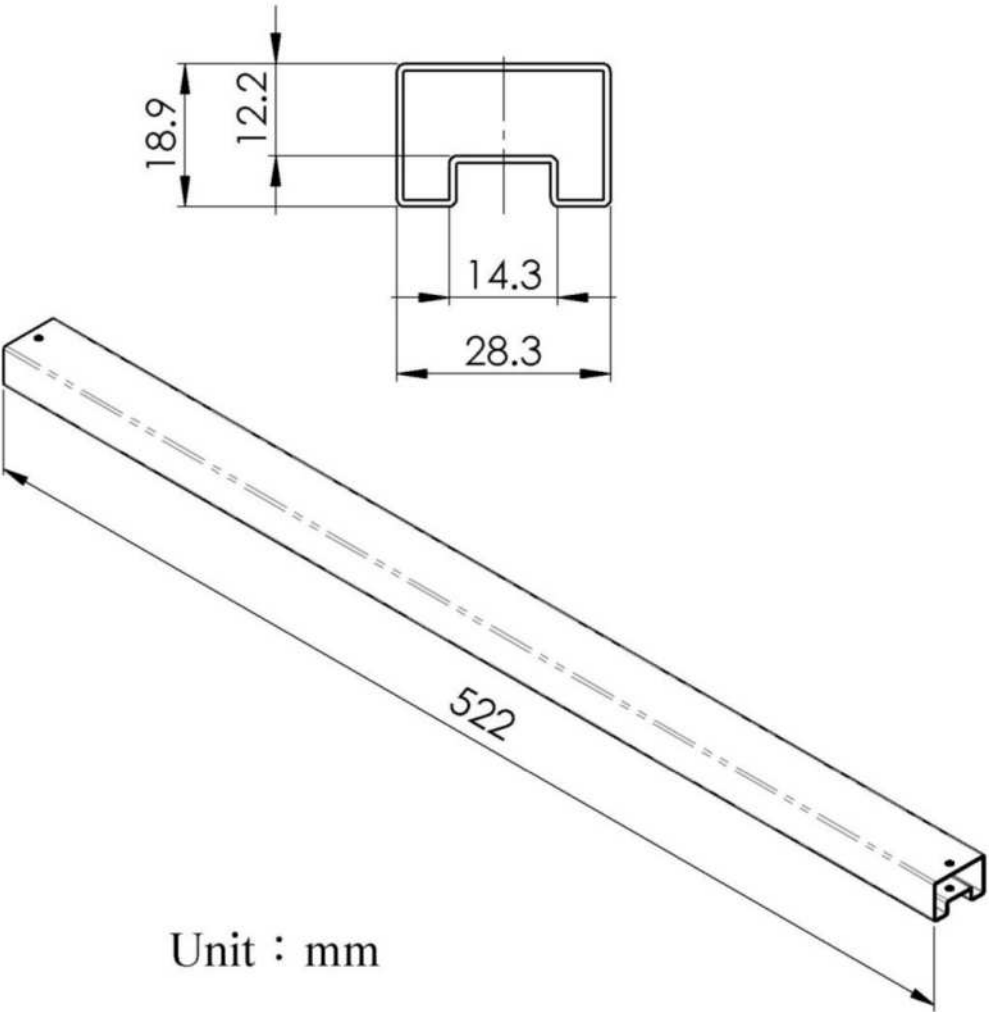


Unit : mm
Tolerance : XX.X ±0.5 , XX.XX ±0.25

PIN Assignment

PIN	1	2	3	4	5	6
FUNCTION	+Vin	-Vin	+Vout	NO PIN	-Vout	Remote On/Off

Packing Formation



Weight	: 16.5 grams/pcs
TUBE	: 19 pcs