

Power Block

FEATURES

Electrical

- High efficiency
- Small size with SMD package
- Parallelable units
- OTP, Input UVLO, Output OCP, OVP, SCP (determined by controller)

Safety & Reliability

- UL 60950-1 & CSA C22.2 No.60950-1-07

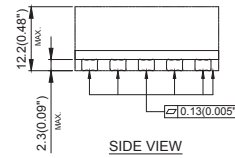
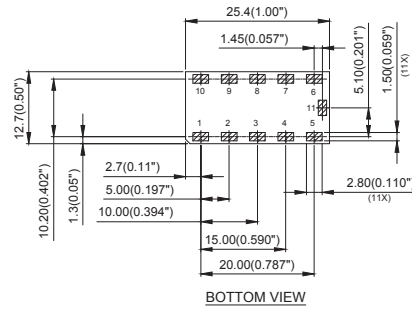


SPECIFICATIONS

Part Number	Input Voltage	Output Voltage	Output Current	Output Power	Efficiency	Package	Size (LxWxH)
D12S1R830D	7~13.2V	0.8~1.8V	30A	54W	91.5%	SMD	25.4x12.7x12.2 mm
D12S72C	7~13.2V	0.8~1.8V	40A	72W	91.5%	SMD	25.4x15.7x12.7 mm

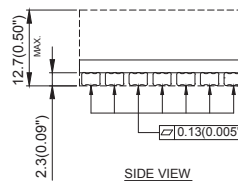
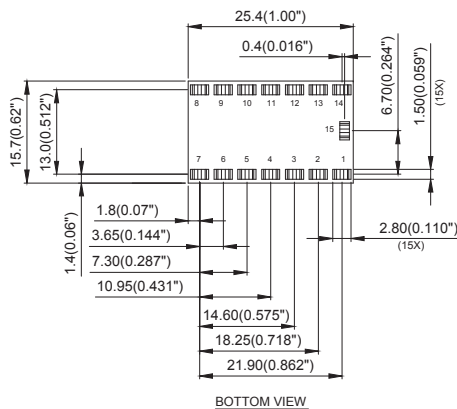
MECHANICAL DRAWING

D12S1R830D



PIN#	Function
1	Vout
2	GND
3	PWM
4	Temperature
5	+7V
6	Vin
7	-Cs
8	+Cs
9	GND
10	Vout
11	GND

D12S72C



PIN#	Function	PIN#	Function
1	Vin	9	GND
2	GND	10	Cs-
3	+7Vin	11	Vout
4	PWML	12	Vout
5	PWMH	13	GND
6	GND	14	Temp-
7	Vin	15	Temp+
8	Cs+		