

E54SD Series

FEATURES

Electrical

- High efficiency
- Fixed frequency operation
- OTP, Input UVLO, Output OCP, OVP
- Isolation and basic insulation
- Pre-biased startup
- No minimum load required
- Remote ON/OFF
- Remote sense
- PMBUS function (optional)

Safety & Certificate

- IEC/EN/UL/CSA 60950-1



1/8
brick

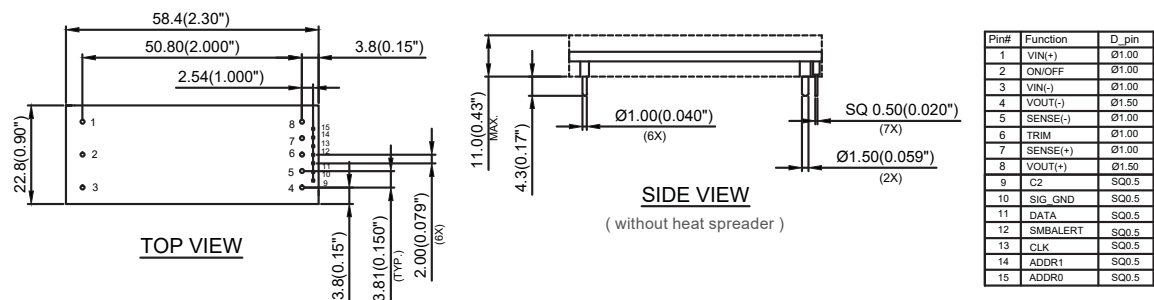
digital
control

C  US

SPECIFICATIONS

Part Number	Input Voltage	Output Voltage	Vo trim range	Output Current	Output Power	Efficiency	Isolation Voltage	Size (LxWxH) without heat spreader
E54SD12025	42~60V	12V	8~13.2V	25A	300W	95.2%	1500V	58.4 x 22.8 x 11 mm

MECHANICAL DRAWING



PART NUMBERING SYSTEM

E	54	S	D	120	25	N	R	F	A		
Form Factor	Input Voltage	Number of Outputs	Product Series	Output Voltage	Output Current	ON/OFF Logic	Pin Length	RoHS	Option Code		
E - 1/8 Brick	54 - 42~60V	S - Single	D - Family Name	120 - 12V	25 - 25A	N - Negative P - Positive	K - 0.110" N - 0.145" R - 0.170"	F - RoHS 6/6 (Lead Free)		PMBUS Pin (9~15pin)	Heat Spreader
									A	Yes	No
									B	No	No
									C	No	Yes
									H	Yes	Yes