

# Q48SA Series

## FEATURES

### Electrical

- Efficiency up to 92%
- OTP, Input UVLO, Output OCP, OVP
- Isolation and basic insulation
- Pre-biased startup
- No minimum load required
- Remote ON/OFF
- Remote sense

### Safety & Certificate

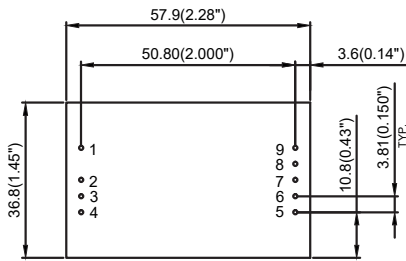
- IEC/EN/UL/CSA 60950-1



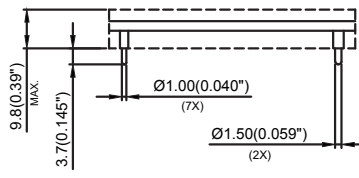
## SPECIFICATIONS

Part Number	Input Voltage	Output Voltage	Vo trim range	Output Current	Output Power	Efficiency	Isolation Voltage	Size (LxWxH) without heat spreader
Q48SA54001	36~75V	54V	45.9~54V	1.5A	81W	92.0%	1500V	57.9 x 36.8 x 9.8 mm

## MECHANICAL DRAWING



TOP VIEW



SIDE VIEW

( without heat spreader )

Pin#	Function	D_pin
1	VIN(+)	Ø1.00
2	ON/OFF	Ø1.00
3	CASE(OPTIONAL)	Ø1.00
4	VIN(-)	Ø1.00
5	VOUT(-)	Ø1.50
6	SENSE(-)	Ø1.00
7	TRIM	Ø1.00
8	SENSE(+)	Ø1.00
9	VOUT(+)	Ø1.50

## PART NUMBERING SYSTEM

Q	48	S	A	540	01	N	N	F	H
Form Factor	Input Voltage	Number of Outputs	Product Series	Output Voltage	Output Current	ON/OFF Logic	Pin Length	RoHS	Option Code
Q - 1/4 Brick	48 - 36~75V	S - Single	A - Family Name	540 - 54V	01- 1.5A	N - Negative P - Positive	N - 0.145" R - 0.170"	F- RoHS 6/6 (Lead Free) Space- RoHs 5/6	H - With heat spreader

Isolated DC-DC Open-frame Power Module