

# Q36SR Series

## FEATURES

### Electrical

- Efficiency up to 93%
- Wide 4:1 input range
- OTP, Input UVLO, Output OCP, OVP
- Isolation and basic insulation
- Pre-biased startup
- No minimum load required
- Remote ON/OFF
- Remote sense

### Safety & Certificate

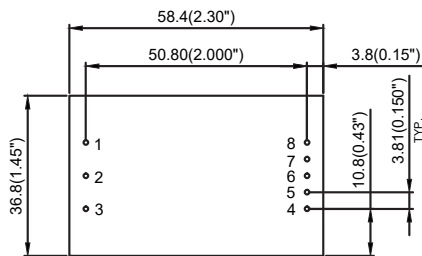
- IEC/EN/UL/CSA 62368-1
- IEC/EN/UL/CSA 60950-1



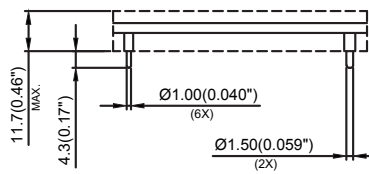
## SPECIFICATIONS

Part Number	Input Voltage	Output Voltage	Vo trim range	Output Current	Output Power	Efficiency	Isolation Voltage	Size (LxWxH) without heat spreader
Q36SR12017	18~75V	12V	10.8~13.2V	17A	204W	93%	1500V	58.4 x 36.8 x 11.7 mm
Q36SR12019	18~75V	12V	10.8~13.2V	19A	228W	93%	1500V	58.4 x 36.8 x 11.7 mm
Q36SR12020	18~75V	12V	10.8~13.2V	20A	240W	93%	1500V	58.4 x 36.8 x 11.7 mm

## MECHANICAL DRAWING



TOP VIEW



SIDE VIEW

( without heat spreader )

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

## PART NUMBERING SYSTEM

Q	36	S	R	120	17	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
Q - 1/4 Brick	36 - 18-75V	S - Single	R - Family Name	120 - 12V	17 - 17A 19 - 19A 20 - 20A	N - Negative P - Positive	K - 0.110" N - 0.145" R - 0.170"	F - RoHS 6/6 (Lead Free) Space - RoHS 5/6	A - Standard Functions H - With heat spreader