

S36SE Series

FEATURES

Electrical

- OTP, Input UVLO, Output OCP, OVP
- Isolation and basic insulation
- Pre-biased startup
- No minimum load required

Safety & Certificate

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



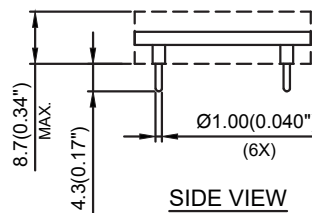
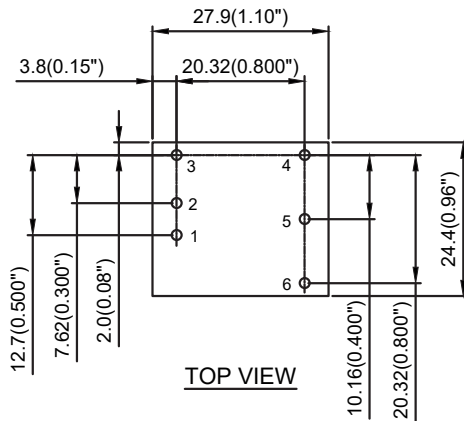
1" x 1"



SPECIFICATIONS

Part Number	Input Voltage	Output Voltage	Vo trim range	Output Current	Output Power	Efficiency	Isolation Voltage	Size (LxWxH)
S36SE3R305	18~75V	3.3V	2.97~3.63V	5A	16.5W	86.5%	2250V	27.9 x 24.4 x 8.7 mm
S36SE05003	18~75V	5V	4.5~5.5V	3A	15W	83.5%	2250V	27.9 x 24.4 x 8.7 mm
S36SE12001	18~75V	12V	10.8~13.2V	1.3A	15.5W	87.0%	2250V	27.9 x 24.4 x 8.7 mm
S36SE12002	36~75V	12V	10.8~13.2V	2A	24W	87.0%	2250V	27.9 x 24.4 x 8.7 mm

MECHANICAL DRAWING



Pin#	Function
1	VIN(+)
2	VIN(-)
3	ON/OFF
4	VOUT(-)
5	TRIM
6	VOUT(+)

PART NUMBERING SYSTEM

S	36	S	E	050	03	N	R	F	A
Form Factor	Input Voltage	Number of Outputs	Product Series	Output Voltage	Output Current	ON/OFF Logic	Pin Length Pin Type	RoHS	Option Code
S - Small Power	36 - 18~75V or 36~75V	S - Single	E - Family Name	3R3 - 3.3V 050 - 5.0V 120 - 12V	01 - 1.3A 02 - 2A 03 - 3A 05 - 5A	N - Negative P - Positive	K - 0.110" N - 0.145" R - 0.170" M - SMD	F - RoHS 6/6 (Lead Free)	A - No trim pin B - With trim pin (Default)

S36SE Series

FEATURES

Electrical

- 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

Safety & Certificate

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



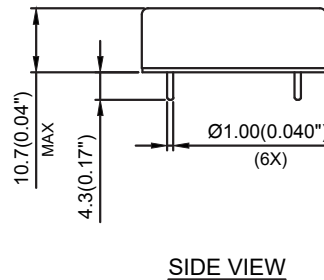
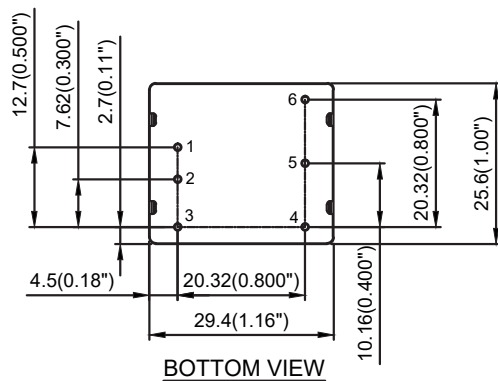
1" x 1"

4:1
input

SPECIFICATIONS

Part Number	Input Voltage	Output Voltage	Vo trim range	Output Current	Output Power	Efficiency	Isolation Voltage	Size (LxWxH)
S36SE3R305	18~75V	3.3V	2.7~3.63V	5A	16.5W	86.5%	2250V	29.4 x 25.6 x 10.7 mm
S36SE05003	18~75V	5V	4.4~5.5V	3A	15W	83.5%	2250V	29.4 x 25.6 x 10.7 mm
S36SE12001	18~75V	12V	10.8~13.2V	1.3A	15.5W	87.0%	2250V	29.4 x 25.6 x 10.7 mm

MECHANICAL DRAWING



Pin#	Function
1	VIN(+)
2	VIN(-)
3	ON/OFF
4	VOUT(-)
5	TRIM
6	VOUT(+)

PART NUMBERING SYSTEM

S	36	S	E	050	03	N	R	F	G
Form Factor	Input Voltage	Number of Outputs	Product Series	Output Voltage	Output Current	ON/OFF Logic	Pin Length	RoHS	Option Code
S - Small Size	36- 18~75V	S - Single	E - Family Name	3R3 - 3.3V 050 - 5.0V 120 - 12V	01 - 1.3A 03 - 3A 05 - 5A	N - Negative P - Positive E - No remote on/off control pin	K - 0.110" N - 0.145" R - 0.170"	F- RoHS 6/6 (Lead Free)	G - Encapsulated