

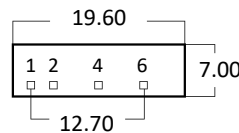
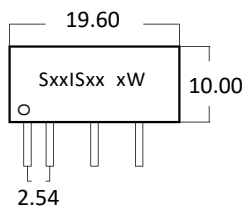
- High Isolation 1000V up to 3000V
- Efficiency up to 82%
- Excellent Anti Disturbance Performance
- MTBF: 2.000.000 Calculated Hours
- Extended Temperature Range
- Up to 3000V Isolation Available

Electrical Shortform Specification

Electrical Specification	Input Voltage:	5Vdc / 12Vdc / 24Vdc (Input $\pm 5\%$)
	Output Voltage (Vout):	See Product Chart
	Switch Frequency:	150kHz to 200kHz
	Ripple & Noise:	3.3Vdc, 5Vdc Max 50mV / 12Vdc, 15Vdc, 24Vdc Max. 100mV
	Efficiency:	Up to 82%
	Output Load Efficiency:	$\leq \pm 2\%$ (0% to 100% Load)
	No Load Voltage:	5Vdc, 9Vdc (0.8Vdc Max.) / 12Vdc, 15Vdc, 24Vdc (1.5Vdc Max.)
	TEMP. Coefficient:	$\leq \pm 0.02\%$ °C (Celsius)
	MTBF:	2.000.000 Hours
Protection (Auto Recovery)	Isolation I/O:	SxxISxx: 1000V / 0.5mA for 1min SxxHISxx: 3000V / 0.5mA for 1min
	Short Circuit Protection:	Short Circuit (1sec)
	Over Load Protection:	Yes
	Over TEMP. Protection:	Yes
Certifications & EMC	Approvals:	CE / RoHS
	EMC	EN61000
Environmental	Operating TEMP.:	-45°C to +85°C
	Storage TEMP.:	-45°C to +125°C
	Cooling:	Natural Cooling
Dimension & Material	Case Size (L x H x W):	19.60 x 10.00 x 6.00mm
	Weight:	2.5g (± 0.5)
	MTBF:	2.000.000 Hours
	Soldering Temperature:	≤ 10 sec 300°C Max.

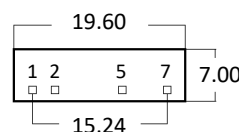
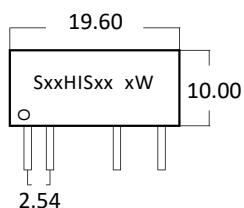
Note - Non Load Operation for a Long time is Not Recommended
For Complete Datasheet/Specification and Drawing Please Contact Power Outlet

Dimensions: mm



SxxISxx = 1000V Isolation

Pin	Function
1	Vin
2	GND
4	0V
6	Vout



SxxHISxx = 3000V Isolation

Pin	Function
1	Vin
2	GND
5	0V
7	Vout

Product Chart

Model	Input Voltage (Vin)	Output Voltage (Vout)	Load Current (mA)	Ripple & Noise (mVp-p Max.)	Efficiency (%)
S05(H)IS3.3 1W	5Vdc ±5%	3.3	303	50	75
S05(H)IS05 1W		5	200	50	75
S05(H)IS09 1W		9	110	60	78
S05(H)IS12 1W		12	83	100	78
S05(H)IS15 1W		15	67	100	78
S05(H)IS24 1W		24	42	100	80
S12(H)IS3.3 1W	12Vdc ±5%	3.3	303	50	75
S12(H)IS05 1W		5	200	50	75
S12(H)IS09 1W		9	110	60	78
S12(H)IS12 1W		12	83	100	78
S12(H)IS15 1W		15	67	100	78
S12(H)IS24 1W		24	42	100	80
S24(H)IS3.3 1W	24Vdc ±5%	3.3	303	50	75
S24(H)IS05 1W		5	200	50	80
S24(H)IS09 1W		9	110	60	80
S24(H)IS12 1W		12	83	100	82
S24(H)IS15 1W		15	67	100	82
S24(H)IS24 1W		24	42	100	82

Note.

- Add Suffix "H" for Higher Isolation (SxxISxx = 1000V Isolation / SxxHISxx = 3000V Isolation)