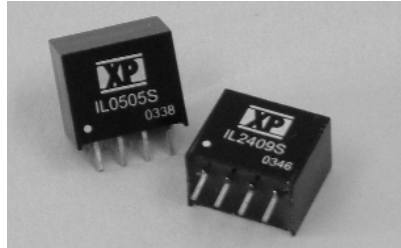


IL Series

2 Watts Single Output



Input

- Input Range $\pm 10\%$
- Reflected Ripple (20 MHz Bandwidth) 200 mV pk-pk max.
- No Load Input Current See Table

Output

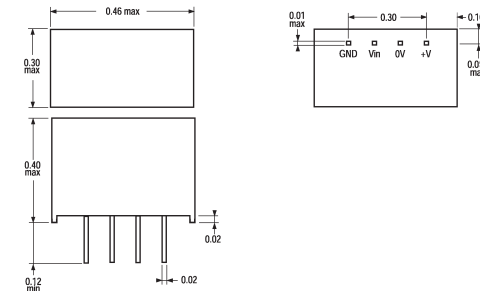
- Voltage Accuracy $\pm 5\%$
- Line Regulation 1.2%/1% V_{in}
- Load Regulation $\pm 8\%$ 20-100% load
- Temperature Coefficient 0.02%/°C
- Ripple & Noise (20 MHz Bandwidth) 150 mV pk-pk max
- Short Circuit Protection 1 s max

General

- Operating Temperature -40 °C to +85 °C
- Storage Temperature -55 °C to +125 °C
- Isolation Voltage 1000 VDC min
- Isolation Resistance $10^9 \Omega$
- Isolation Capacitance 60 pF typ

NOTE: Add suffix 'H' to model number for 3000 VDC isolation.

Input Voltage	No Load Input Current	Output Voltage	Output Current	Efficiency	Model Number
5 VDC	32 mA	3.3 V	400 mA	71%	IL0503S
	35 mA	5.0 V	400 mA	75%	IL0505S
	30 mA	9.0 V	222 mA	75%	IL0509S
	38 mA	12.0 V	168 mA	75%	IL0512S
	42 mA	15.0 V	132 mA	75%	IL0515S
	35 mA	24.0 V	84 mA	75%	IL0524S
12 VDC	18 mA	3.3 V	400 mA	73%	IL1203S
	18 mA	5.0 V	400 mA	75%	IL1205S
	16 mA	9.0 V	222 mA	75%	IL1209S
	16 mA	12.0 V	168 mA	75%	IL1212S
	20 mA	15.0 V	132 mA	75%	IL1215S
	35 mA	24.0 V	84 mA	75%	IL1224S
24 VDC	8 mA	5.0 V	400 mA	75%	IL2405S
	8 mA	9.0 V	222 mA	75%	IL2409S
	12 mA	12.0 V	168 mA	75%	IL2412S
	8 mA	15.0 V	132 mA	75%	IL2415S
	10 mA	24.0 V	84 mA	75%	IL2424S
	5 mA	5.0 V	400 mA	75%	IL4805S
48 VDC	5 mA	9.0 V	222 mA	75%	IL4809S
	5 mA	12.0 V	168 mA	75%	IL4812S
	5 mA	15.0 V	132 mA	75%	IL4815S
	6 mA	24.0 V	84 mA	75%	IL4824S



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