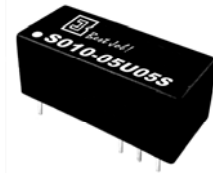


SU SERIES 0.5W TO 2W UNREGULATED



FEATURES

- DUAL IN LINE PACKAGE
- 100% BURN IN
- NO HEATSINK REQUIRED
- UL 94V-0 PACKAGE MATERIAL
- INTERNAL SMD TECHNOLOGY



OUTPUT SPECIFICATIONS		INPUT SPECIFICATIONS		GENERAL SPECIFICATIONS	
Voltage Set-point Accuracy	+/-2% max	Input Voltage Range	+/-10% max	Efficiency	71% min
Temperature Coefficient	+/-0.05%/°C	Input Filter	Capacitor Type	Isolation Voltage	1500 VDC min
Ripple & Noise(20MHz BW)	100mVp-p max	Protection	Fuse Recommended	Isolation Resistance	10 ⁹ ohms min
Line Regulation	+/-1.2% max	ENVIRONMENTAL SPECIFICATIONS		Isolation Capacitance	80pF max
Load Regulation	+/-8% max	Operating Temperature	-25°C to +71°C	Switching Frequency	50KHz min
Minimum Load	10% of Full Load	Storage Temperature	-55°C to +125°C	MTBF	>2,000,000 Hours
Short Circuit Protection	Momentary	Humidity	95% max	Case Material	Non-Conductive Plastic

● 0.5W OUTPUT

MODEL NUMBER	INPUT (VDC)	OUTPUT		EFF (%)	ISOLATION (VDC)
		VOLTAGE (VDC)	CURRENT (mA)		
S005-05U05S	5	5	100	74	1500
S005-05U09S	5	9	56	73	1500
S005-05U12S	5	12	42	72	1500
S005-05U15S	5	15	34	71	1500
S005-12U05S	12	5	100	76	1500
S005-12U09S	12	9	56	74	1500
S005-12U12S	12	12	42	72	1500
S005-12U15S	12	15	34	72	1500
S005-24U05S	24	5	100	72	1500
S005-24U09S	24	9	56	74	1500
S005-24U12S	24	12	42	74	1500
S005-24U15S	24	15	34	72	1500
S005-48U05S	48	5	100	74	1500
S005-48U09S	48	9	56	74	1500
S005-48U12S	48	12	42	74	1500
S005-48U15S	48	15	34	74	1500

● 1W OUTPUT

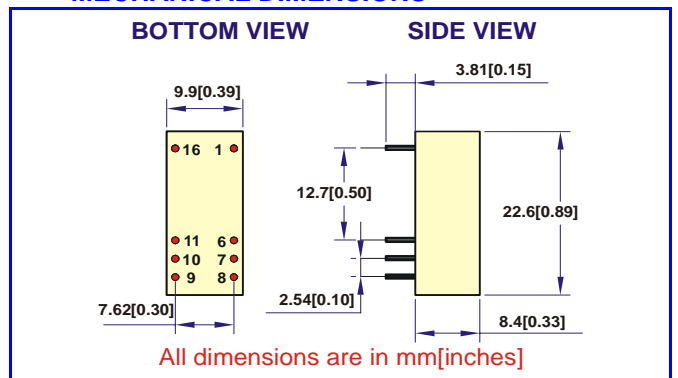
S010-05U05S	5	5	200	72	1500
S010-05U09S	5	9	111	75	1500
S010-05U12S	5	12	84	77	1500
S010-05U15S	5	15	67	78	1500
S010-05U24S	5	24	42	78	1500
S010-12U05S	12	5	200	72	1500
S010-12U09S	12	9	111	78	1500
S010-12U12S	12	12	84	79	1500
S010-12U15S	12	15	67	81	1500
S010-12U24S	12	24	42	81	1500
S010-24U05S	24	5	200	72	1500
S010-24U09S	24	9	111	77	1500
S010-24U12S	24	12	84	77	1500
S010-24U15S	24	15	67	77	1500
S010-24U24S	24	24	42	79	1500
S010-48U3.3S	48	3.3	300	74	1500

S010-48U05S	48	5	200	74	1500
S010-48U09S	48	9	111	72	1500
S010-48U12S	48	12	84	72	1500
S010-48U15S	48	15	67	80	1500

● 2W OUTPUT

S020-05U05S	5	5	400	80	1500
S020-05U09S	5	9	222	79	1500
S020-05U12S	5	12	167	80	1500
S020-05U15S	5	15	133	82	1500
S020-12U05S	12	5	400	78	1500
S020-12U09S	12	9	222	78	1500
S020-12U12S	12	12	167	83	1500
S020-12U15S	12	15	133	85	1500
S020-24U05S	24	5	400	78	1500
S020-24U09S	24	9	222	78	1500
S020-24U12S	24	12	167	81	1500
S020-24U15S	24	15	133	83	1500
S020-48U05S	48	5	400	74	1500
S020-48U09S	48	9	222	77	1500
S020-48U12S	48	12	167	81	1500
S020-48U15S	48	15	133	81	1500

● MECHANICAL DIMENSIONS



	PIN 1 & 16	6 & 11	7 & 10	8 & 9
SINGLE	+Vin	-Vout	+Vout	-Vin