

PSU SWMDT 12V 5A

SPECIFICATIONS		
MODEL	PSU SWMDT 12V 5A	
OUTPUT	DC VOLTAGE (note 2)	12V
	RATED CURRENT	5A
	CURRENT RANGE	0 ~ 5A
	RATED POWER (max.)	60W
	RIPPLE & NOISE (max.) (note.3)	100mVp-p
	VOLTAGE TOLERANCE	+3%
	LINE REGULATION	+1%
	LOAD REGULATION	+3%
	SETUP, RISE TIME (note 7)	600ms, 30ms / 230VAC 600ms, 30ms / 115VAC at full load
	HOLD UP TIME (typ)	50ms / 230VAC 15ms / 115VAC at full load
INPUT	VOLTAGE RANGE	90 ~ 264VAC 135 ~ 370VDC
	FREQUENCY RANGE	47 ~ 63Hz
	EFFICIENCY (typ)	88%
	AC CURRENT	1.4A / 115VAC 1A / 230VAC
	INRUSH CURRENT (max)	65A / 230VAC
	LEAKAGE CURRENT(max)	0.75mA / 240VAC
	PROTECTION	OVERLOAD
OVER VOLTAGE		12.6 ~ 16.2V Protection type : Shut down o/p voltage, re-power on to recover RTH2 > 70
OVER TEMPERATURE		Protection type : Shut down o/p voltage, re-power on to recover
ENVIRONMENT		WORKING TEMP.
	WORKING HUMIDITY	20% ~ 90% RH non-condensing
	STORAGE : TEMP., HUMIDITY	-20 ~ +85 degC , 10 ~ 95% RH
	TEMP. COEFFICIENT	+0.3% / deg C (0 ~ 50 degC)
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes
SAFETY & EMC	SAFETY STANDARDS	UL60950-1, TUV EN60950-1, BSMI CNS14336, CCC GB4943 approved
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25 / 70% RH
	EMI CONDUCTION & RADIATION	Compliance to EN55022 class B, FCC PART 15 / CISPR22 class B, CNS13438 class B, GB9254 class B
	HARMONIC CURRENT	Compliance to EN61000-3-2,3, GB17625.1
	EMS IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, light industry level, criteria A
OTHERS	MTBF	711Khrs min. MIL-HDBK-217F(25)
	DIMENSION	125x50x31.5mm (LxWxH)
	PACKING	0.305Kg; 40pcs/13.02Kg/1.05CUFT
CONNECTOR	PLUG	Standard type P1J: 2.1 dia x 5.5 dia x 11mm, tuning fork type, centre positive for stock
	CABLE	Other type available by customer requested
NOTE	2. DC voltage: The output voltage set at point measure by plug terminal & 50% load. 3. Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uf & 47uf capacitor. 4. Tolerance: includes set up tolerance, line regulation, load regulation. 5. Line regulation is measured from low line to high line at rated load. 7. Length of set up time is measured at first cold start. Turning ON/OFF the power supply may lead to increase of the set up time.	