



Наличие и актуальные цены на

SMAU01M-12

<https://www.mean-well.ru/store/SMAU01M-12/>



MEAN WELL

SWITCHING POWER SUPPLY

ISO-9001 CERTIFIED MANUFACTURER

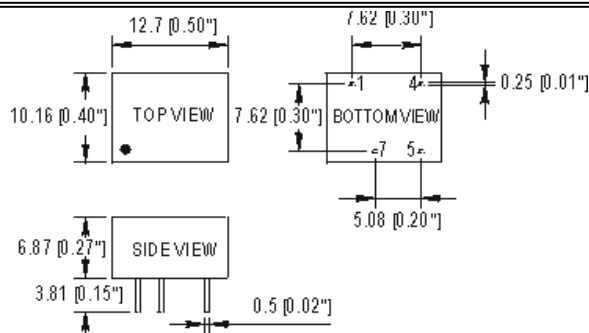
SMAU01M SERIES

.UNREGULATED DC OUTPUT
.1000VDC I/O ISOLATION
.INPUT FILTER:CAPACITOR TYPE
.INTERNAL SMD TECHNOLOGY

.NO EXTERNAL COMPONENTS REQUIRED
.HIGH RELIABILITY / LOW COST
.100% BURN-IN TEST
.MTBF:700,000 HOURS

ORDER NO.	SMAU01M-05	SMAU01M-09	SMAU01M-12	SMAU01M-15
SPECIFICATION				
DC OUTPUT VOLTAGE	5V	9V	12V	15V
OUTPUT VOLTAGE ACCURACY	$\pm 2\%$			
OUTPUT RATED CURRENT	200mA	110mA	84mA	67mA
OUTPUT CURRENT RANGE	0-200mA	0-110mA	0-84mA	0-67mA
RIPPLE & NOISE	100mVp-p (max.)			
LINE REGULATION	$\pm 1.2\%$ FOR 1% INPUT VARIATION			
LOAD REGULATION	$\pm 8\%$ @ 20%~FULL LOAD			
DC OUTPUT POWER	1W	1W	1W	1W
EFFICIENCY	78%	79%	82%	82%
SWITCHING FREQUENCY	100KHz min.			
INPUT VOLTAGE RANGE	12 $\pm 10\%$ (10.8~13.2VDC)			
INPUT CURRENT	107mA max.			
SHORT CIRCUIT PROTECTION	MOMENTARY			
OVER VOLTAGE PROTECTION	-----			
TEMP. COEFFICIENT	$\pm 0.03\%$ / °C (0~50°C)			
ISOLATION VOLTAGE	I/P-O/P: 1 KVDC MIN.			
ISOLATION RESISTANCE	I/P-O/P:500VDC / 100M Ohms MIN.			
ISOLATION CAPACITANCE	80pF max.			
WORKING TEMP., HUMIDITY	-25°C~+60°C, 20%~90% RH (NO DERATING); 80% LOAD @ 71°C			
STORAGE TEMP., HUMIDITY	-40°C~+105°C, 10%~95% RH			
DIMENSION	0.50 "x0.40 "x0.27 "			
WEIGHT	1.7 g			
CASE MATERIA	NON-CONDUCTIVE PLASTIC			

MECHANISM AND PIN CONFIGURATION



Pin no.	SINGLE
1	-Vin
4	+Vin
5	+Vout
7	-Vout

NOTE : 1.ALL PARAMETERS ARE SPECIFIED AT RATED INPUT, RATED LOAD, 25 °C 70% RH. AMBIENT.
2.RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR.
3.LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD.
4.LOAD REGULATION IS MEASURED FROM 20% TO 100% RATED LOAD.