

SMPS Modules



GMS0505

Switching Mode Power Supply

Special Features

- Small multi-purpose power supply
- Wide Input Range(AC100V~220V)
- Built-in EMI filter
- Isolated output
- Short circuit protection
- Over voltage protection
- Thermal shutdown
- Low standby-power

Electrical Characteristics

Characteristics		Condition	Min.	Typ.	Max.	Unit
AC Input	Voltage Range		100	220	220	V
	Current	$V_i=AC220V, I_o=1000mA$	-	-	70	mA
DC Output	Voltage Range	$V_i=AC220V, I_o=800mA$	4.7	5.0	5.3	V
	Output Current	$V_i=AC220V$	-	700	800	mA
	Peak Output Current	$V_i=AC220V, Time=5min$	-	-	1000	mA
	Line Regulation	$V_i=AC100\sim 220V, I_o=800mA$	-	-	0.10	V
	Load Regulation	$V_i=AC220V, I_o=0\sim 800mA$	-	-	0.25	V
	Ripple Voltage	$V_i=AC220V, I_o=800mA$	-	-	0.06	Vp-p
	Efficiency	$V_i=AC220V, I_o=800mA$	-	-	67	%
Power Consumption	No Load	$V_i=AC220V, I_o=0mA$	-	-	0.30	W
	Full Load	$V_i=AC220V, I_o=1000mA$	-	-	5	W
Temperature	Operating Range		-20	-	85	°C
	Storage Range		-40	-	105	°C

Package Outline

	Pin No.	Description
	1	AC Input
2	AC Input	
3	- DC Output	
4	+ DC Output	
5	Com (Not)	