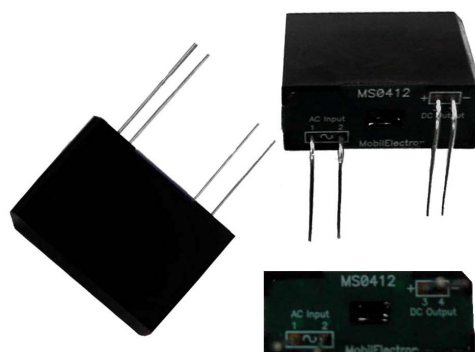


MS0412 Switching Mode Power Supply

Special Features

- Small multi-purpose power supply
- Wide Input Range(AC85V~265V)
- 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		85	220	265	V
	Current	$V_i=AC220V$, $I_o=300mA$	-	-	44	mA
DC Output	Voltage Range	$V_i=AC220V$, $I_o=200mA$	11.4	12.0	12.6	V
	Output Current	$V_i=AC220V$	-	300	350	mA
	Peak Output Current	$V_i=AC220V$	-	-	450	mA
	Line Regulation	$V_i=AC85\sim220V$, $I_o=200mA$	-	-	0.10	V
	Load Regulation	$V_i=AC220V$, $I_o=0\sim300mA$	-	-	0.25	V
	Ripple Voltage	$V_i=AC220V$, $I_o=200mA$	-	-	0.06	Vp-p
	Efficiency	$V_i=AC220V$, $I_o=300mA$	-	-	67	%
Power	No Load	$V_i=AC220V$, $I_o=0mA$	-	-	0.65	W
Consumption	Full Load	$V_i=AC220V$, $I_o=300mA$	-	-	5.3	W
Temperature	Operating Range		0	-	40	°C
	Storage Range		-20	-	85	°C

Package Outline

		Pin No.	Description
		1	AC Input
		2	AC Input
		3	+ DC Output
		4	- DC Output
Products	MS0405	DC 5V 400mA	
	MS0408	DC 8V 400mA	