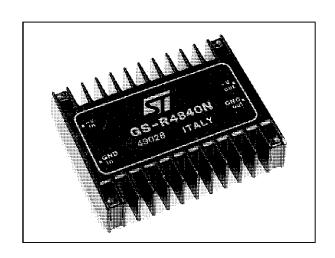
GS-R4840N

44W NEGATIVE SWITCHING REGULATOR

Туре	V _{in}	V _{out}	l _{out}
GS-R4840N	-43 to -60 V	40 V	1,08 A

DESCRIPTION

The GS-R4840N is a negative input, negative output switching voltage regulator that can provide up to 44W output power without input to output isolation.

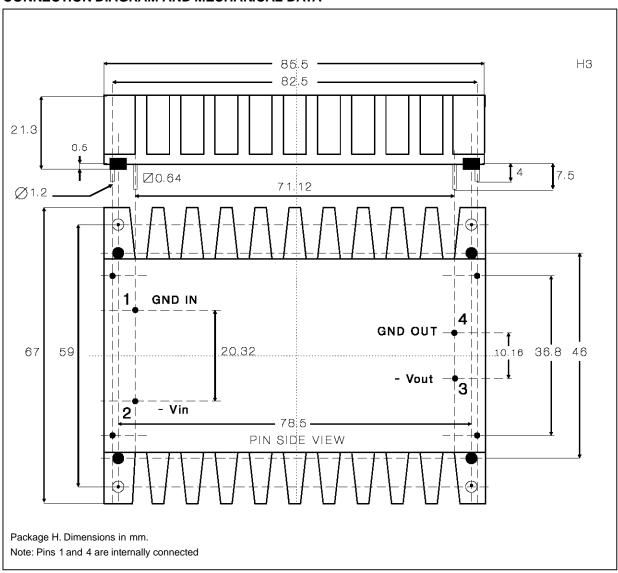


ELECTRICAL CHARACTERISTICS (T_{amb.}= 25° C unless otherwise specified)

Symbol	Parameter	Test Conditions	Min	Тур	Max	Unit
Vi	Input Voltage	I _O = 1.08A	-43	-48	-60	V
Vni	Input noise (CCITTP53)	$V_i = -48V$ $I_0 = 1A$			1	mV
li	Input Current	$V_i = -48V$ $I_0 = 1.08A$			-1	Α
Vo	Output Voltage	$V_i = -43 \text{ to } -60V$ $I_0 = 0 \text{ to } 1.08A$	-38.5	-40.5	-42.5	V
Vor	Output Ripple Voltage	Vi = -48V			100	mVpp
Vno	Output noise (CCITTP53)	$V_i = -48V$ $I_0 = 1A$			1	mV
losc	Output Current Limit	Vi = -48V		-1.6		Α
f _S	Switching Frequency			50		kHz
η	Efficiency	Vi= -48V		93		%
Тор	Operating Temperature Range		0		+70	°C
T _{stg}	Storage Temperature Range		-20		+85	°C

December 1993 1/2

CONNECTION DIAGRAM AND MECHANICAL DATA



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