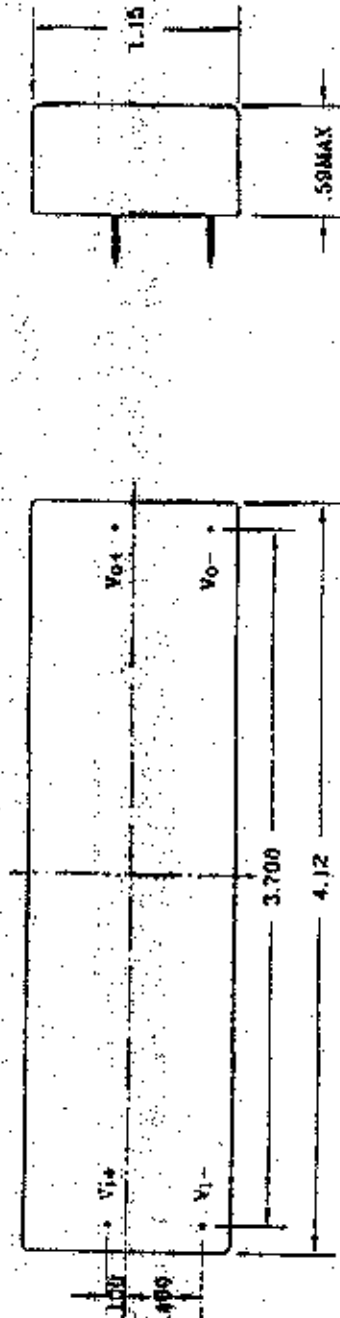


REV	LTIR	DESCRIPTION	BY/DATE	CHK/DATE

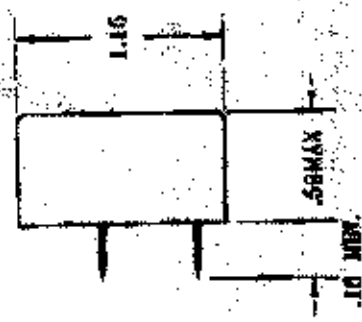
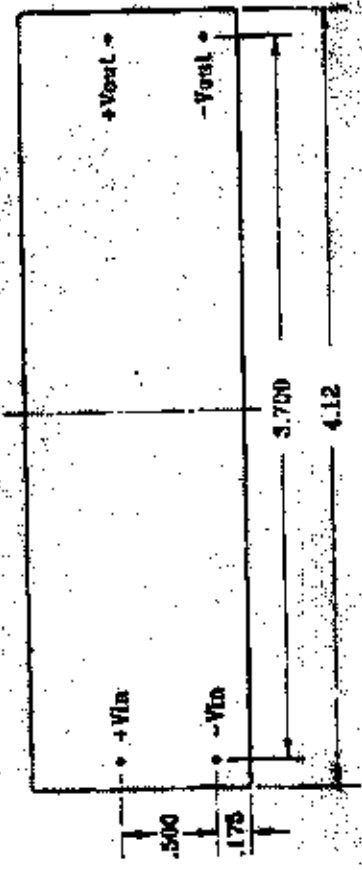


DESIGNED <i>C. Ci</i>	DATE 09/10/95	INTERNATIONAL POWER DEVICES, INC.
CHECKED COCOC	DATE	TITLE HCS4870
X 4 030	DATE	PART ID
XX 2 020		
XXX 010		
TRACIONS 020		

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
DECIMALS

X 4 030
XX 2 020
XXX 010
TRACIONS 020

REV 1 TR	DESCRIPTION	BY/DATE	CHK/DATE



ORIGINAL

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES	REVISED C. G. C.	DATE 8/11/68	INTERNATIONAL POWER DRIVES, INC.
X 1.030 XX 1.050 XXX .010	DESIGNED <i>John R.</i>	DATE 8/10/68	TITLE HCS SERIES
FRACTIONS: 0/30	DRAWN ALL DIM.	DATE	PART NO.
MATERIAL:	SCALE 1:1	SIZE A	DWG NO. HCS001
			REV 02

HCS4897C DC/DC Converter Specification

Electrical Specifications:

PARAMETER	Min	Typ	Max	Units	Conditions
DC INPUT SPECIFICATIONS:					
Input Voltage Range	36	48	72	Vdc	
Input Current			1.3	Adc	
DC OUTPUT SPECIFICATIONS:					
Output Voltage	95	97	99	Vdc	
Output Current			0.4	Adc	
Line Regulation			±1%	%	
Load Regulation			±1%	%	
Output Noise			0.9	Vpk-pk	Note1
Output Power		39		W	
Current Limit Inception		0.54		Adc	
Short Circuit Protection					Continuous
Environmental:					
Efficiency	80%				
Operating Temperature	-20		+55	C°	Ambient
Storage Temperature	-25		+100	C°	Ambient
Physical Specification					
Dimensions					4.12x1.15x0.59 Inches Max

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Note1: Peak to Peak Value, 20 Mhz bandwidth. Measured directly across output pins.

All Specifications at Tambient = 25°C. Nominal Input Voltage, Full Load, unless otherwise specified.

HCS4370 DC/DC Converter Specification

Electrical Specifications:

PARAMETER	Min	Typ	Max	Units	Conditions
DC INPUT SPECIFICATIONS:					
Input Voltage Range	36	48	72	Vdc	
Input Current			1.2	Adc	
DC OUTPUT SPECIFICATIONS:					
Output Voltage	68	70	72	Vdc	
Output Current			0.5	Adc	
Line Regulation			±1%	%	
Load Regulation			±1%	%	
Output Noise			0.2	Vpk-pk	Note1
Output Power			35	W	
Current Limit Inception		0.65		Adc	
Short-Circuit Protection					Continuous
Environmental:					
Efficiency	87%				
Operating Temperature	-20		+55	°C	Ambient
Storage Temperature	-25		+100	°C	Ambient
Physical Specification					
Dimensions					4.12x1.15x0.59 Inches Max

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Note1: Peak to Peak Value, 20 Mhz bandwidth. Measured directly across output pins

All Specifications at Tambient = 25°C. Nominal Input Voltage, Full Load, unless otherwise specified.