



JIANGSU CHANGJIANG ELECTRONICS TECHNOLOGY CO., LTD

TO-92 Encapsulate Three-terminal voltage regulator

CJ79L06 Three-terminal negative voltage regulator

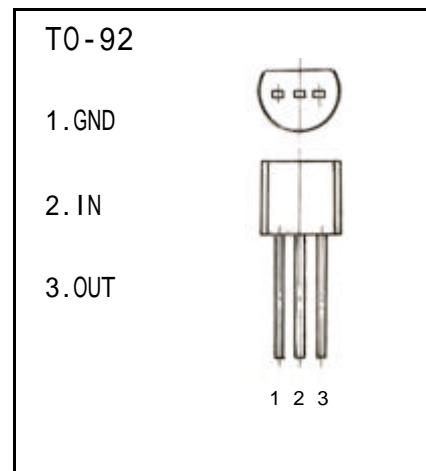
FEATURES

Maximum Output current

I_{OM} : 0.1 A

Output voltage

V_o : -6 V



ABSOLUTE MAXIMUM RATINGS (Operating temperature range applies

unless otherwise specified)

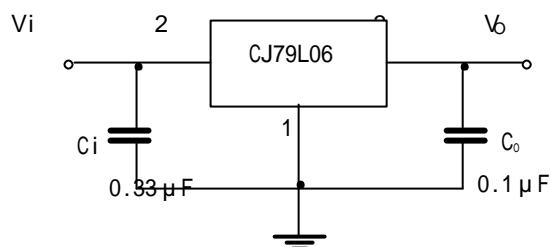
Parameter	Symbol	Value	Units
Input Voltage	V_i	-30	V
Operating Junction Temperature Range	T_{OPR}	0~+150	
Storage Temperature Range	T_{STG}	-55~+150	

ELECTRICAL CHARACTERISTICS

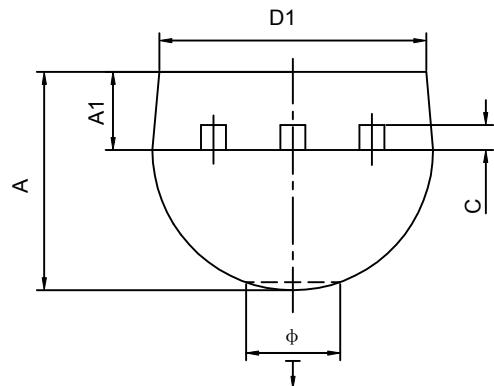
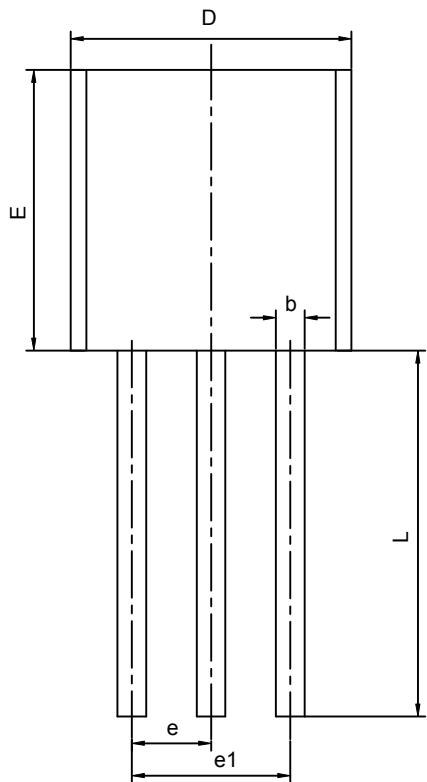
($V_i=-12V, I_o=40mA, 0 < T_j < 125^\circ C, C_1=0.33\mu F, C_0=0.1\mu F$, unless otherwise specified)

Parameter	Symbol	Test conditions	MIN	TYP	MAX	UNIT
Output voltage	V_o	$V_{IN}=-12V, I_o=40mA$	-5.75	-6.0	-6.25	V
Line Regulation	V_o-V_{IN}	$V_{IN}=-8.5\sim-20V, I_o=40mA$		20	175	mV
Load Regulation	V_o-I_o	$V_{IN}=-12V, I_o=1\sim100mA$		21	80	mV
Quiescent Current	I_Q	$V_{IN}=-12V, I_o=40mA$			6.0	mA
Ripple Rejection	RR	$V_{IN}=-9V\sim-19V, I_o=40mA, e_{IN}=1V_{P-P}, f=120Hz$	40	48		dB
Output Noise Voltage	V_{NO}	$V_{IN}=-12V, f=10Hz\sim100kHz, I_o=40mA$		44		μV

TYPICAL APPLICATION



TO-92 PACKAGE OUTLINE DIMENSIONS



Symbol	Dimensions In Millimeters		Dimensions In Inches	
	Min	Max	Min	Max
A	3.300	3.700	0.130	0.146
A1	1.100	1.400	0.043	0.055
b	0.380	0.550	0.015	0.022
c	0.360	0.510	0.014	0.020
D	4.400	4.700	0.173	0.185
D1	3.430		0.135	
E	4.300	4.700	0.169	0.185
e	1.270TYP		0.050TYP	
e1	2.440	2.640	0.096	0.104
L	14.100	14.500	0.555	0.571
Ö		1.600		0.063
↓	0.000	0.380	0.000	0.015