



Micro Commercial Components

Micro Commercial Components Corp.

Products End of Life Notification

Issue date: Sept-1st-2009

EOL No#: 122209-0

Last Buy Date :N/A

Description and Purpose:

MCC has undergone a review of its core business and products , and determined to discontinue below products:

Discontinued Devices	Possible Replacements
MC79L15F	N/A



Micro Commercial Components

Micro Commercial Components
 20736 Marilla Street Chatsworth
 CA 91311
 Phone: (818) 701-4933
 Fax: (818) 701-4939

MC79L15F

Three-Terminal Low Current Negative Voltage Regulator

Features

- Maximum Output current $I_o:0.1A$
- Internal Short Circuit Current Limiting
- Internal Thermal Overload Protection
- No External Components Required
- Case Material:Molded Plastic. UL Flammability Classification Rating 94-0 and MSL Rating 1
- Marking :Type Number

Absolute Maximum Ratings

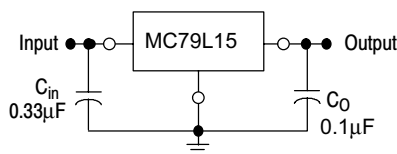
Parameter	Symbol	Value	Unit
Input Voltage	V_{in}	35	V
Operating Junction Temperature	T_{OPR}	0---+125	°C
Storage Temperature Range	T_{STG}	-55---+150	°C

Electrical Characteristics($V_i=23V, I_o=40mA, 0^\circ C < T_j < 125^\circ C, C_1=0.33\mu F, C_o=0.1\mu F, \text{ unless otherwise specified}$)

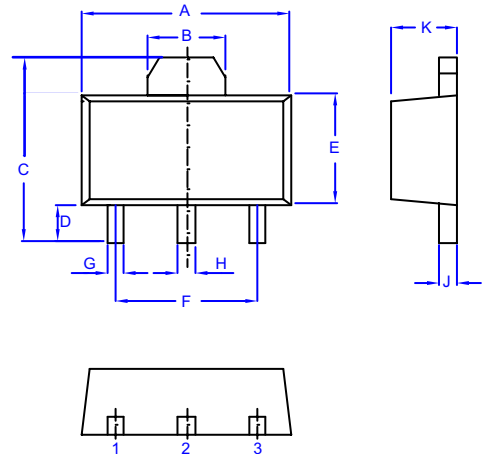
Parameter	Sym	Min	Typ	Max	Test conditions
Output Voltage	V_o	14.4V	15.0V	15.6V	
Load Regulation	$V_o - I_o$		25mV	150mV	$I_o=1mA-100mA, V_i=23V$
Line regulation	$V_o - V_i$		65mV	300mV	$17.5V \leq V_i \leq 30V, I_o=40mA$
Quiescent Current	I_q			6.5mA	
Output Noise Voltage	V_N		90uV		$10Hz \leq f \leq 100KHz$
Ripple Rejection	RR	34dB	39dB		$18.5V \leq V_i \leq 28.5V, f=120Hz$

*Note: Bypass Capacitors are recommended for optimum stability and transient response and should be located as close as possible to the regulators

Typical Application:



SOT-89



1. GND
2. IN (Case)
3. OUT

DIM	DIMENSINS				NOTES
	INCHES		MM		
	MIN	MAX	MIN	MAX	
A	.173	.181	4.39	4.60	
B	.061	----	1.55	----	REF.
C	.154	.165	3.91	4.25	
D	.031	.039	0.80	1.00	
E	.092	.100	2.34	2.54	
F	.118	----	3.00	----	TYP
G	.013	.019	0.33	0.48	
H	.015	.021	0.38	0.53	
J	.015	.016	0.38	0.41	
K	.055	.063	1.40	1.60	



Micro Commercial Components

Ordering Information

Device	Packing
(Part Number)-TP	Tape&Reel;1Kpcs/Reel

IMPORTANT NOTICE

Micro Commercial Components Corp. reserves the right to make changes without further notice to any product herein to make corrections, modifications, enhancements, improvements, or other changes. *Micro Commercial Components Corp.* does not assume any liability arising out of the application or use of any product described herein; neither does it convey any license under its patent rights, nor the rights of others. The user of products in such applications shall assume all risks of such use and will agree to hold *Micro Commercial Components Corp.* and all the companies whose products are represented on our website, harmless against all damages.

APPLICATIONS DISCLAIMER

Products offer by *Micro Commercial Components Corp.* are not intended for use in Medical, Aerospace or Military Applications.

www.mccsemi.com