

Obsolete

M.C.C.

Micro Commercial Components



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

MC78M05ACDT

Three-Terminal
Positive Voltage
Regulators

Features

- Output current in excess of 0.5 Ampere
Internal thermal overload protection
Internal short-circuit current limiting
High power dissipation capability
Epoxy meets UL 94 V-0 flammability rating
Moisture Sensitivity Level 1

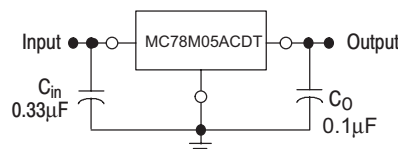
Maximum Ratings @ Tj=25°C, Unless Otherwise Noted

Table with 4 columns: Parameter, Symbol, Value, Unit. Rows include Input Voltage, Power Dissipation, Operating Junction Temperature, Storage Temperature Range.

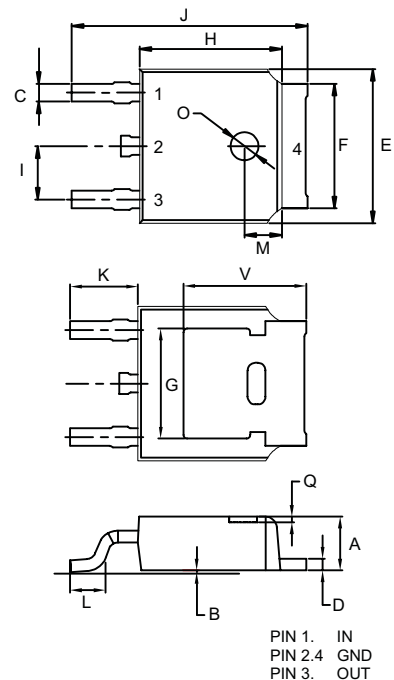
Electrical Characteristics (Vi=10V, Io=350mA, 0°C<Tj<125°C, Ci=0.33uF, Co=0.1uF, Unless Otherwise Specified)

Table with 6 columns: Parameter, Sym, Min, Typ, Max, Test conditions. Rows include Output Voltage, Load Regulation, Line regulation, Quiescent Current, Output Noise Voltage, Ripple Rejection, Dropout Voltage, Output Short Circuit Current, Peak Output Current.

TYPICAL APPLICATION



DPAK



DIMENSIONS table with columns for DIM, INCHES (MIN, MAX), MM (MIN, MAX), and NOTE. Lists dimensions A through V.

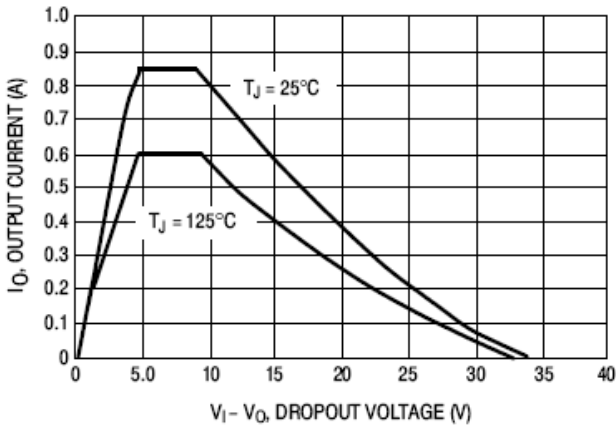


Figure 1. Peak Output Current versus Dropout Voltage

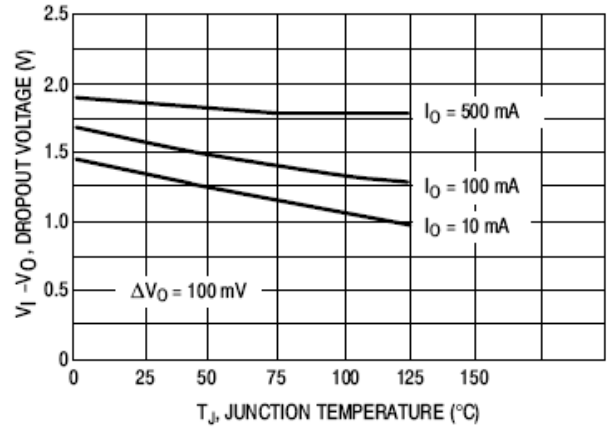


Figure 2. Dropout Voltage versus Junction Temperature

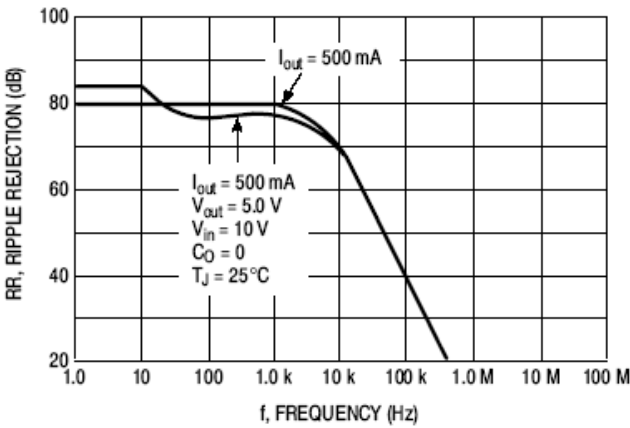


Figure 3. Ripple Rejection versus Frequency

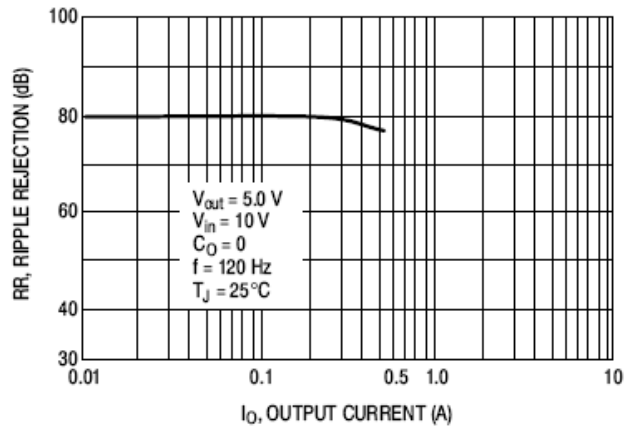


Figure 4. Ripple Rejection versus Output Current

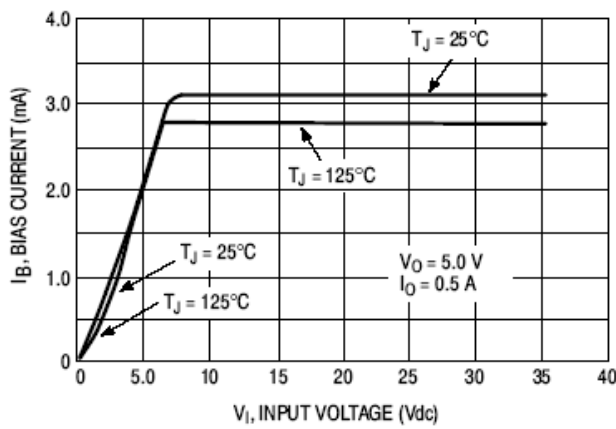


Figure 5. Bias Current versus Input Voltage

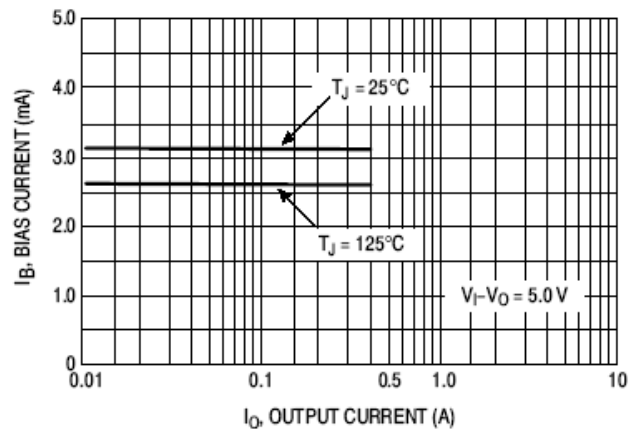


Figure 6. Bias Current versus Output Current



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Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 2.5Kpcs/Reel

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