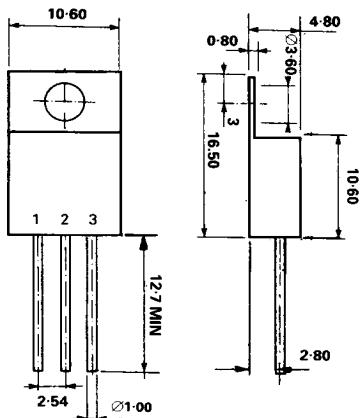


NEW PRODUCT**LM 117-220M****POSITIVE ADJUSTABLE
VOLTAGE REGULATOR
TO 220 METAL****MECHANICAL DATA**

Dimensions in mm



PIN 1 – Adjust PIN 2 – Output PIN 3 – Input

TO 220M. Metal case. Output connected to case. Marking SML LM117

TO 220-ISO. Metal case. All leads isolated from case. Marking SML LM117-ISO

FEATURES

- HERMETIC TO 220 METAL PACKAGE
 - HIGH RELIABILITY
 - ISOLATED OPTION
 - MILITARY OPTION
 - SCREENING OPTIONS
-
- OUTPUT VOLTAGE RANGE 1.2 TO 37V
 - OUTPUT CURRENT IN EXCESS OF 1.5A
 - 0.1% LINE AND LOAD REGULATION
 - FLOATING OPERATION FOR HIGH VOLTAGES
 - COMPLETE SERIES OF PROTECTIONS:
CURRENT LIMITING, THERMAL SHUTDOWN
AND SOA CONTROL

ABSOLUTE MAXIMUM RATINGS ($T_{CASE} = 25^\circ\text{C}$ unless otherwise stated)

V_{io}	Input-output differential voltage	40V
I_o	Output current	Internally limited
P_D	Power dissipation	Internally limited
T_j	Junction temperature	150°C
T_{stg}	Storage temperature	-65 to 150°C

SEMELAB LTD., TELEPHONE (04555) 4711. TELEX: 341927. FAX: (04555)2612

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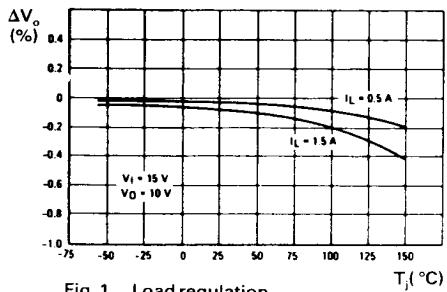
LM 117-220M**SEMELAB**

Fig. 1 Load regulation

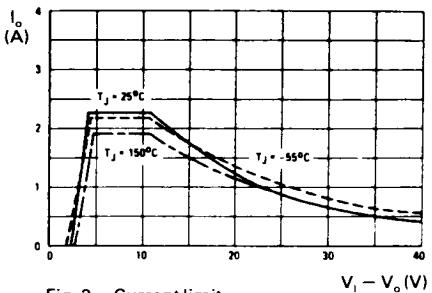


Fig. 2 Current limit

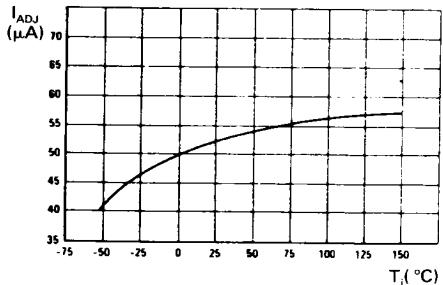


Fig. 3 Adjustment pin current

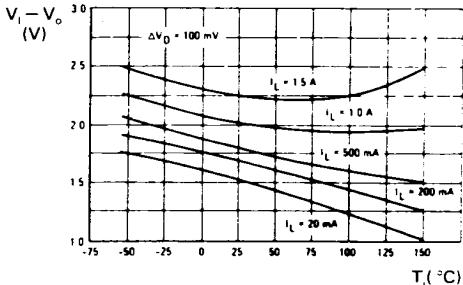


Fig. 4 Dropout voltage

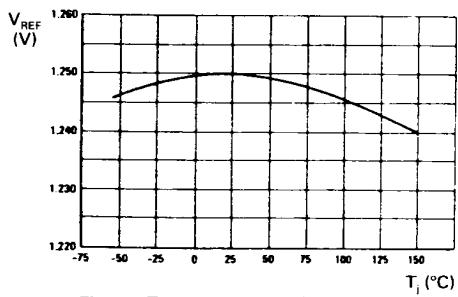


Fig. 5 Temperature stability

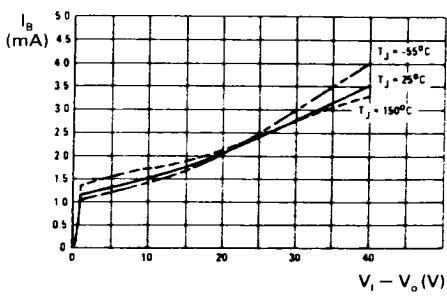


Fig. 6 Minimum operating current

