

/ Descriptions

TO-263 Voltage Regulator in a TO-263 Plastic Package.

/ Features

1.5A, 1.2 37V
3-Terminal regulators ,output current in excess of 1.5 A, output voltage adjustable over a 1.2-37V.

/ Applications

Voltage Regulator.

/ Equivalent Circuit or Application Circuit



/ Pinning



PIN1 ADJ PIN 2 4 OUT PIN 3 IN

/ Marking

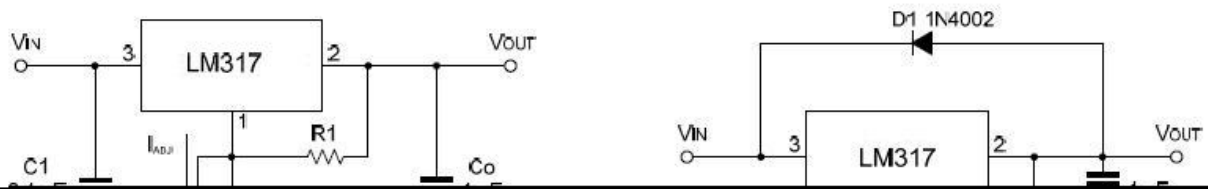
See marking instructions.

Parameter	Symbol	Rating	Unit
Input voltage	V_{i-o}	40	V
Output current	I_o	Internally Limited	
Operating virtual Junction temperature	T_j	0 125	
Power Dissipation	P_{tot}	Internally Limited	
Storage temperature range	T_{stg}	-55 150	

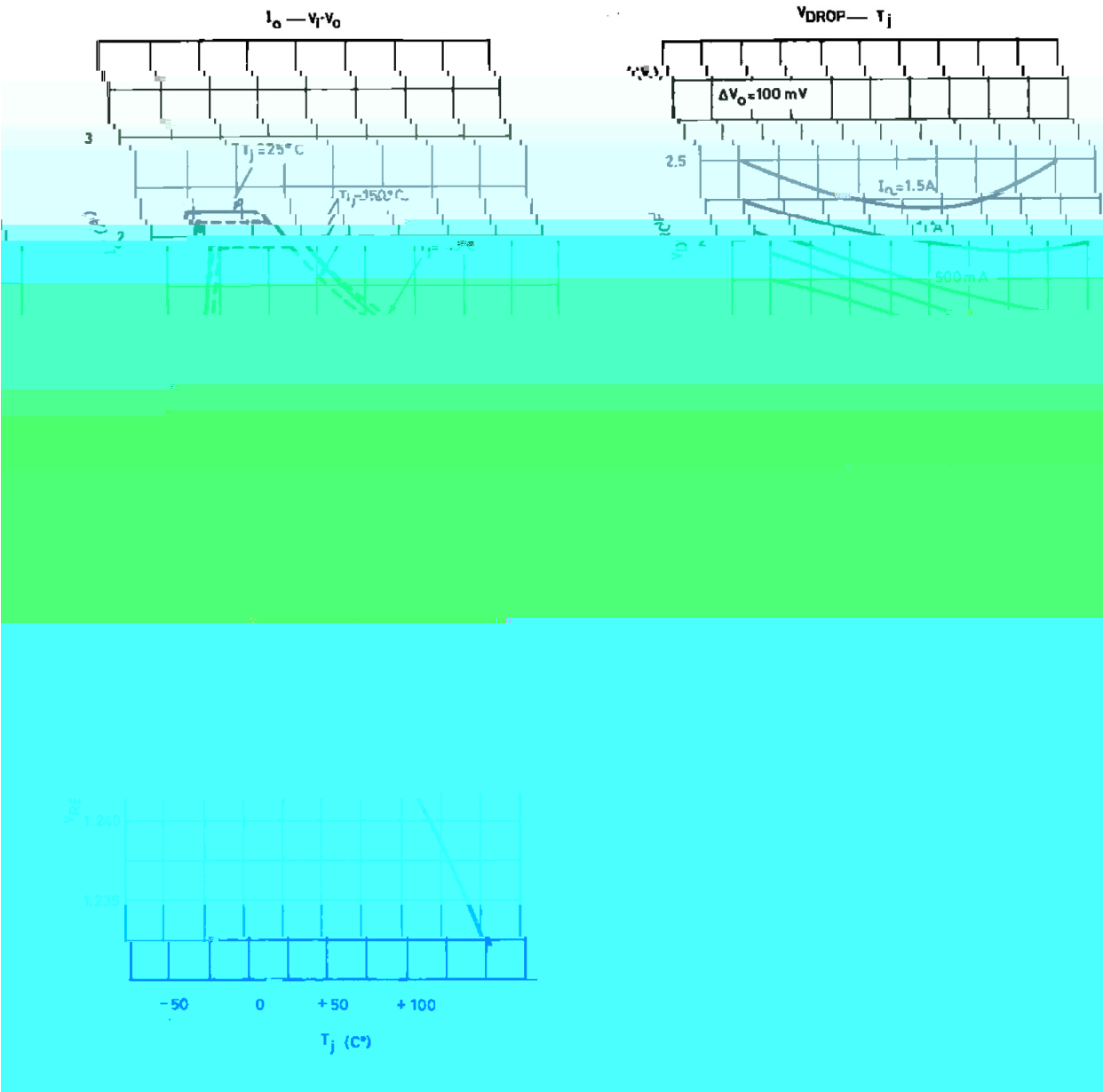
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Output voltage	V_o	$T_j=25$		0.01	0.04	%/V
		$I_o=5mA$ to 1A $V_i=-20V$ to -7V $V_o \leq 5V$ $T_j=25$		0.02	0.07	%/V

Load Regulation V_o

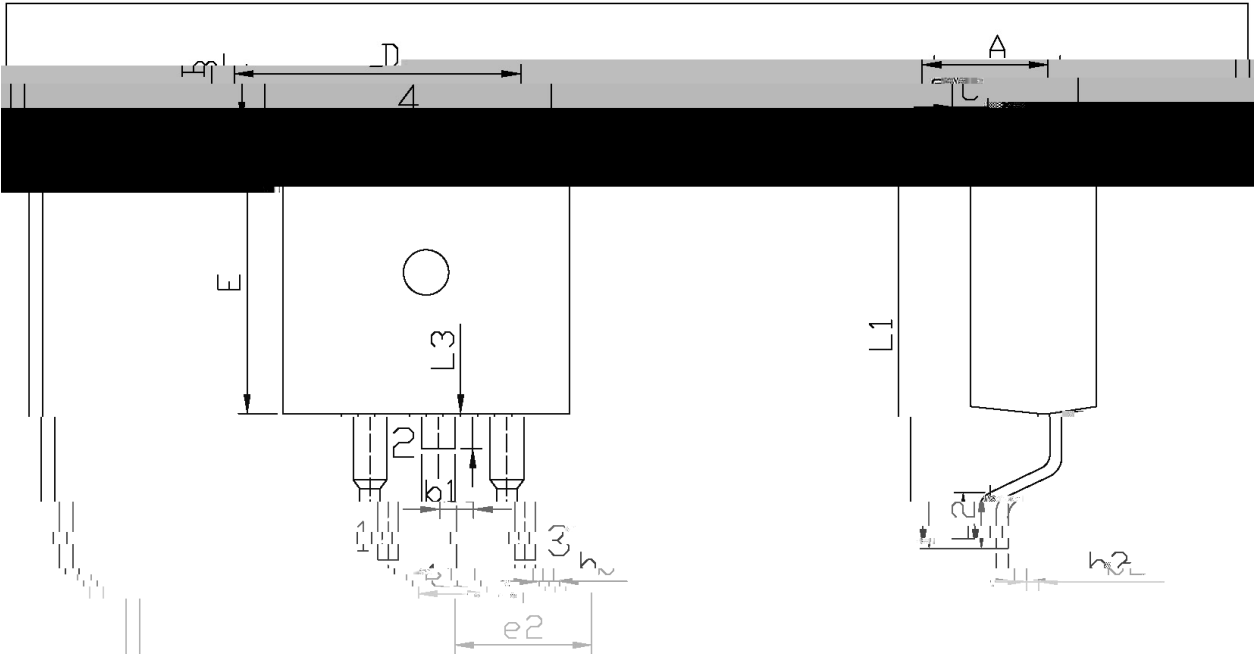
/ Equivalent Circuit



/ Electrical Characteristic Curve



/ Package Dimensions

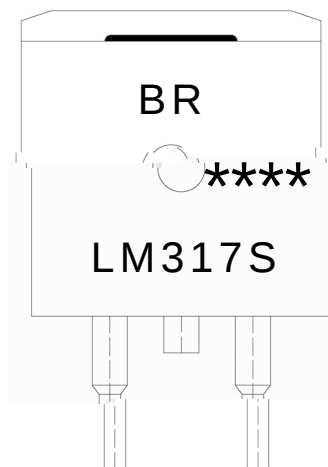


单位: mm

Max	Min	Max	Min
A	4.30	A	4.30
B	1.00	B	1.40
C	0.80	C	0.80
D	9.80	D	10.20
E	1.15	E	1.35
L1	1.15	L1	1.35
L2	1.15	L2	1.35
L3	1.15	L3	1.35
e1	2.34	e1	2.34
e2	2.34	e2	2.34
b1	1.15	b1	1.35

TP-26.3

/ Marking Instructions



BR

LM317S

Note:

BR: Company Code.

LM317S: Product Type.

*****: Lot No. Code, code change with Lot No.

