

/ Descriptions

TO-252 3-Pin Voltage Regulator in a TO-252 Plastic Package.

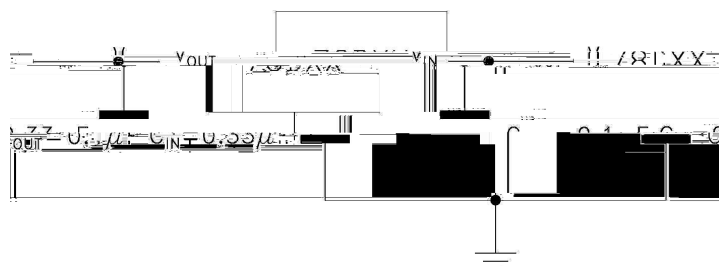
/ Features

3-Terminal regulators, output current up to 1.5A, internal thermal overload protection and short-circuit limiting.

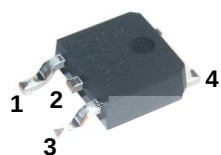
/ Applications

Voltage Regulator.

/ Equivalent Circuit or Application Circuit



/ Pinning



PIN1 χ IN PIN 2 χ GND PIN 3 χ OUT

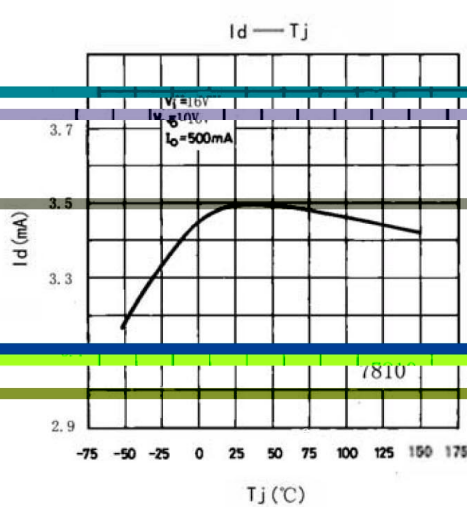
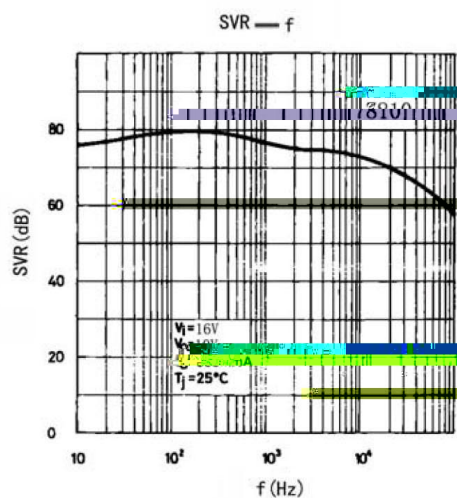
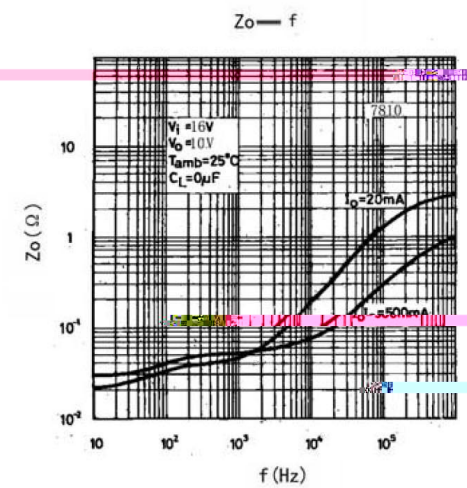
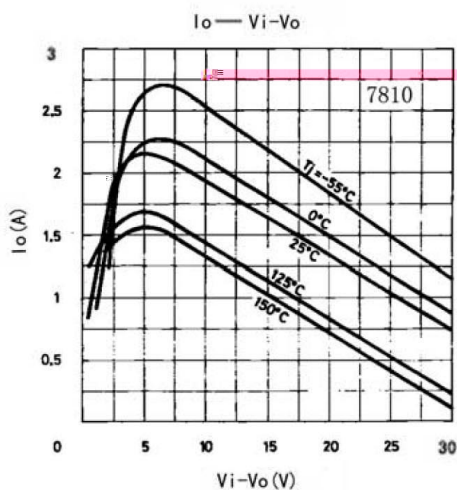
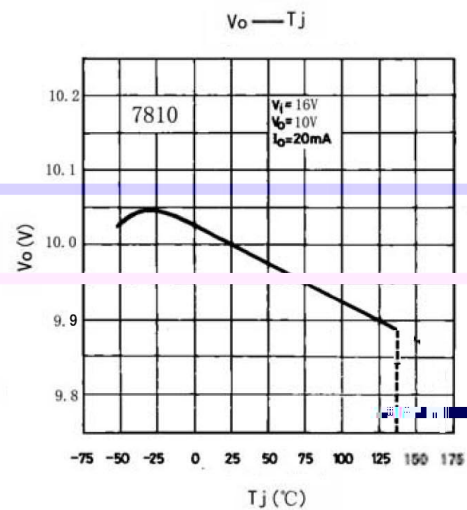
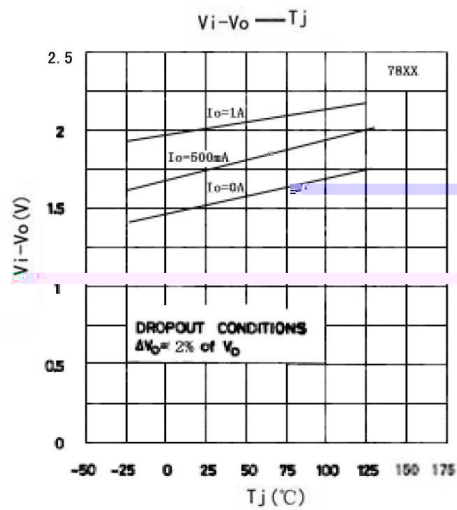
/ Marking

See Marking Instructions.

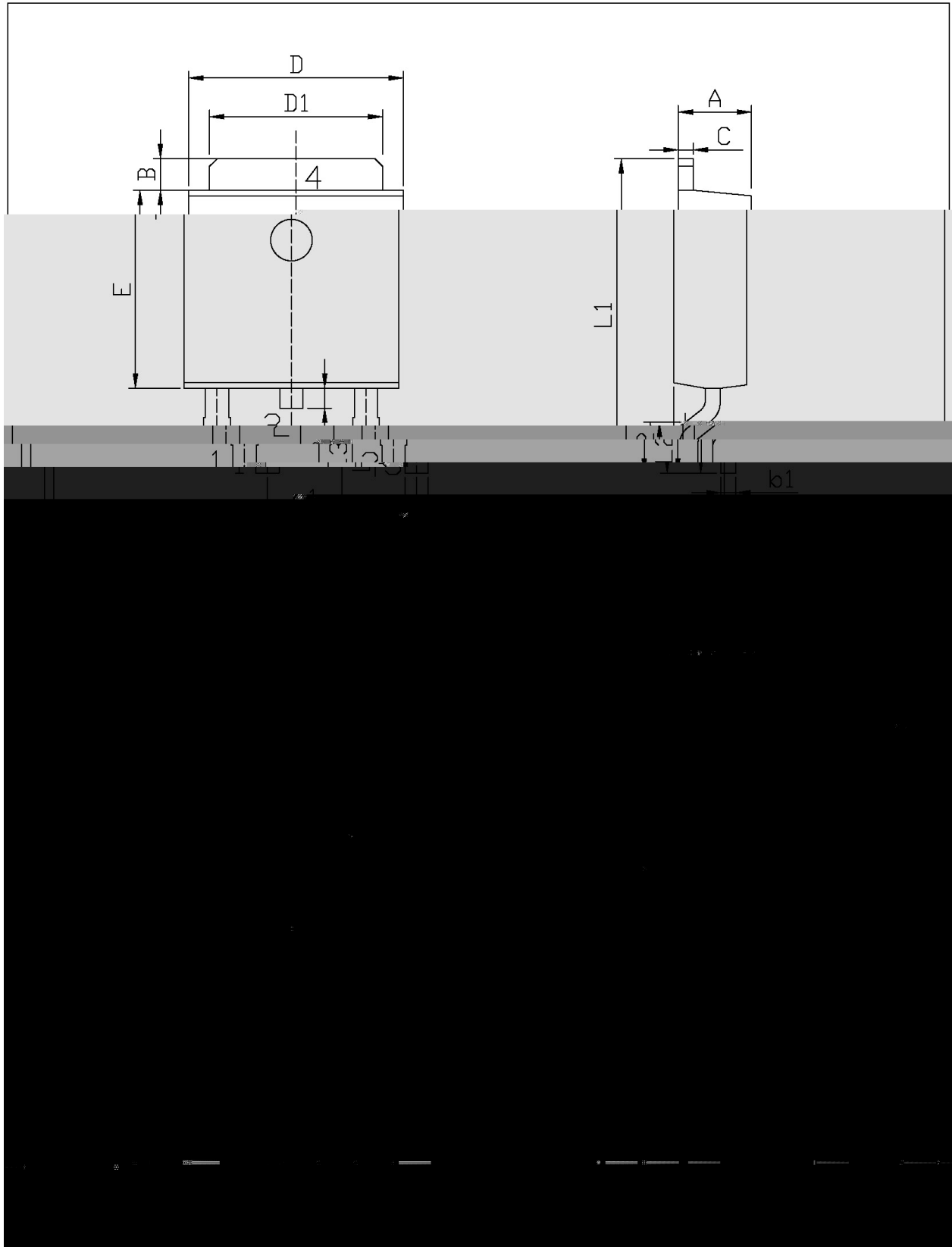
Parameter	Symbol	Rating	Unit
Input voltage	V_I	35	V
Thermal Resistance Junction-ambient	$R_{\theta JA}$	65	/W
Thermal Resistance Junction-case	$R_{\theta JC}$	5.0	/W
Operating Junction Temperature Range	T_{OPR}	0 ~ 125	
Storage temperature range	T_{stg}	-65 ~ 150	

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Output voltage	V_O	$T_j=25$	9.6	10	10.4	V

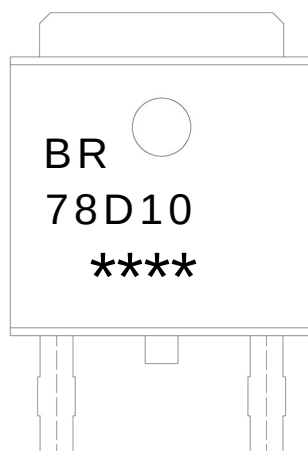
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



" X

EU X

: ;G43 X

---- X

Note:

BR:

78D10:

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公司代码

封装形式

公司代码 产品代码

Company Code.

Product Type.

Lot No. Code, code change with Lot No.

