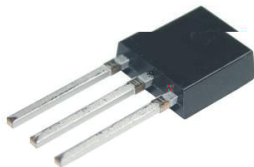


TO-251 9 2 ... 0ž Voltage Regulator in a TO-251 Plastic Package.

€ 1 9 2 ... ~ k ý ß v ä 1.5A, Ä — ½ ' y ? è ' òž
3-Terminal regulators ,output current up to 1.5A, internal thermal overload protection and short-circuit limiting.

9 2 ... 0ž
Voltage Regulator.

Ä W] Ô · / € Ð Ô · / **Equivalent Circuit or Application Circuit**

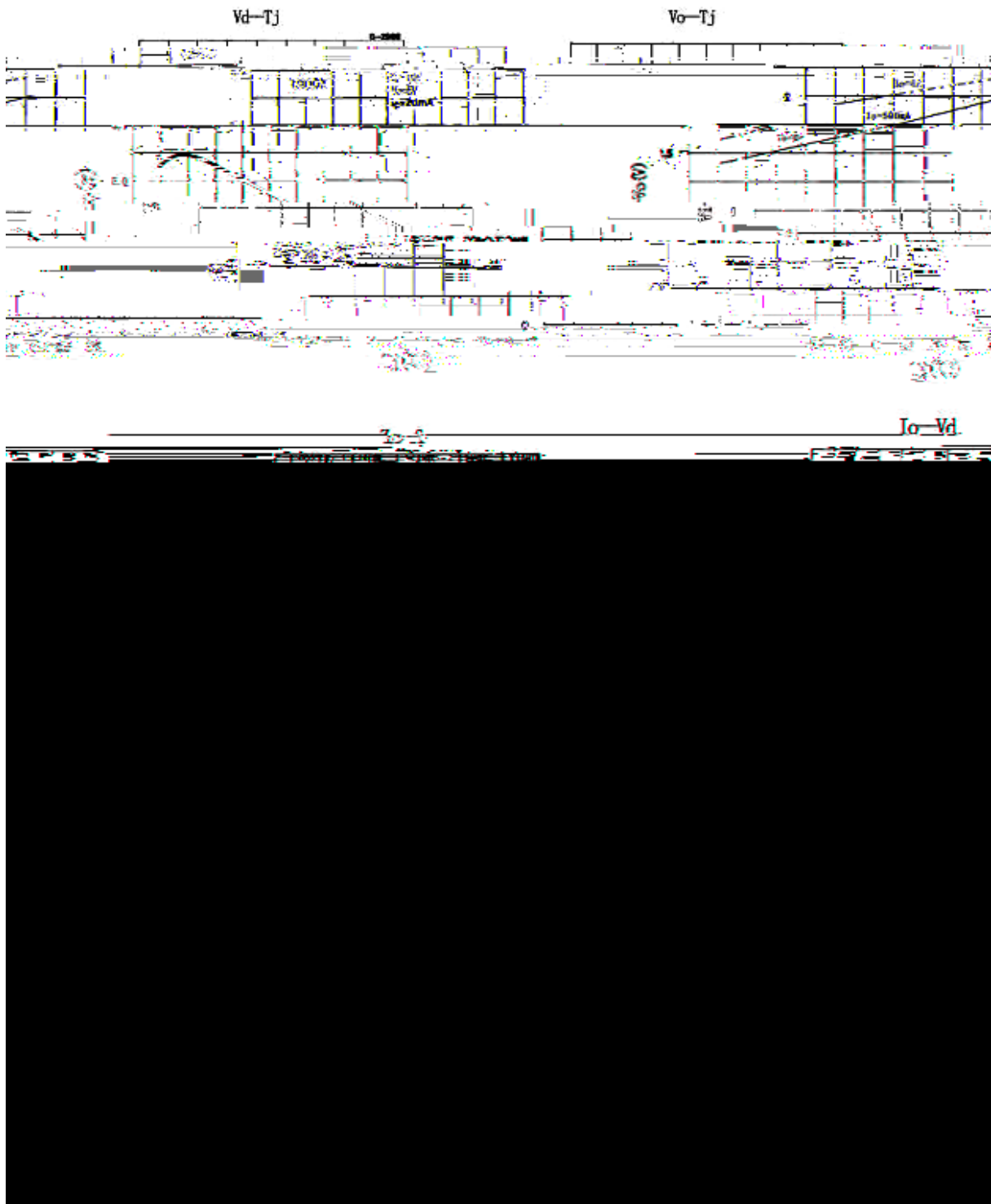


@ f Parameter	... Z Symbol	f > Rating	% y Unit
Input voltage	V _I	35	V
Thermal Resistance Junction-ambient	R _{JA}	65	/W
Thermal Resistance Junction-case	R _{JC}	10	/W
Operating Junction Temperature Range	T _{OPR}	0 125	
Storage temperature range	T _{stg}	-65 150	

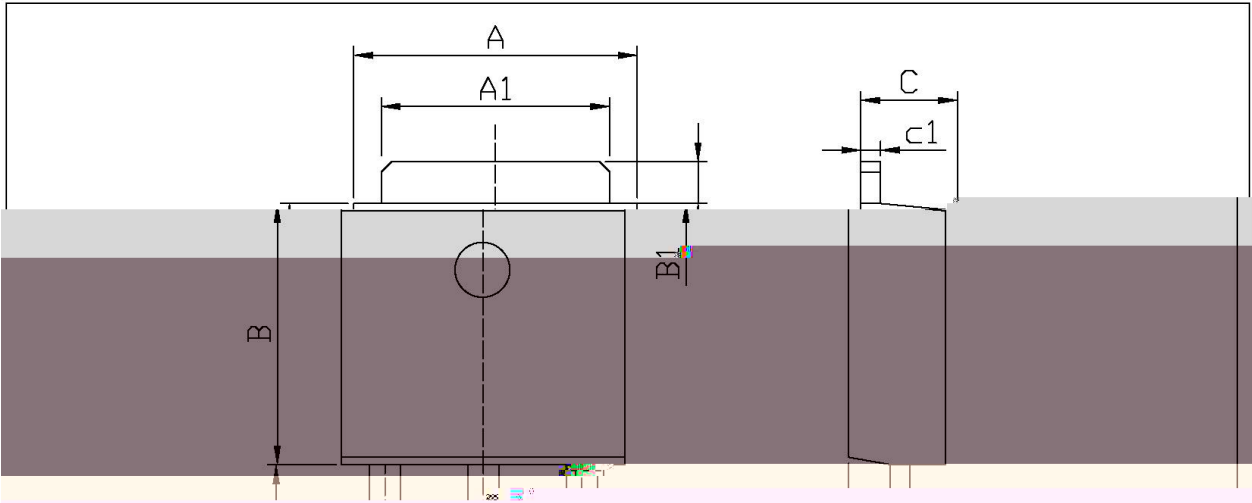
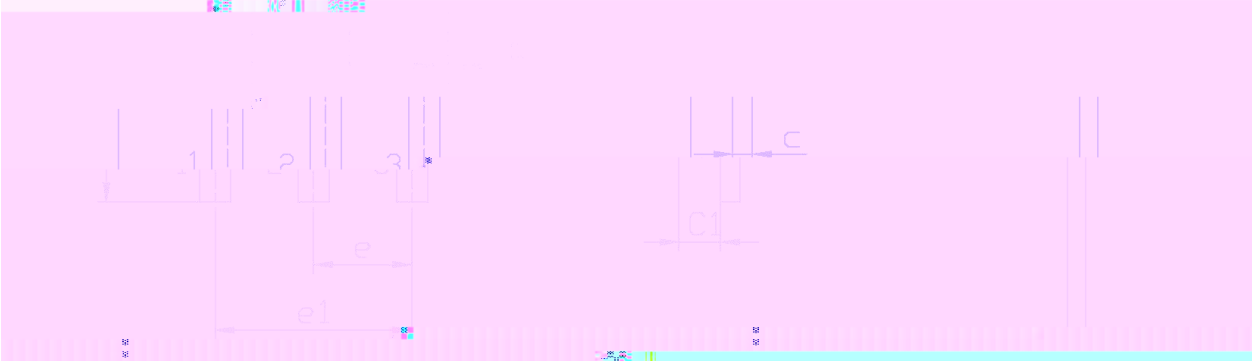
@ f Parameter	... Z Symbol	y i Ú ^ Test Conditions	Â 4 > Min	Á ° > Typ	Â Ý > Max	% y Unit
Output voltage	V _O	T _j =25	4.8	5.0	5.2	V
		V _i =7V-20V I _o =5mA-1A P _o "15W	4.75	5.0	5.25	V
Load Regulation	Vo	T _j =25 I _o =5mA-1.5A			100	mV

T_j=25
I_o=250mA-76 .46 .4u())TJ 5-.0114.64857 TD -.0057 Tc33.3802 Tw [(0)907

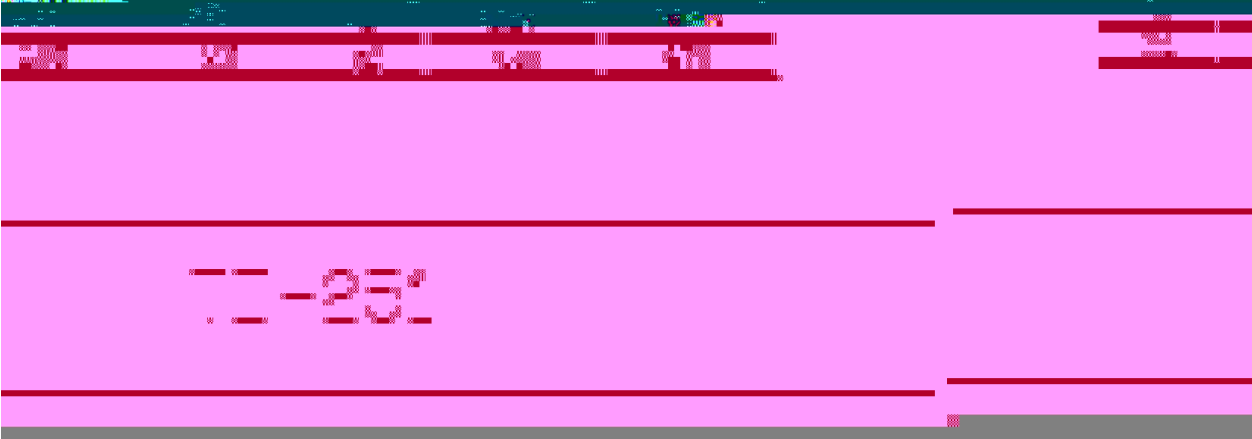
电 阻 器 / Electrical Characteristic Curve



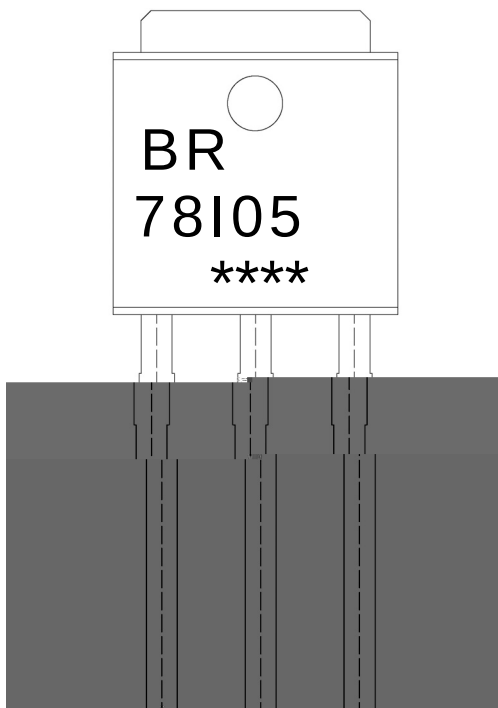
Ø □ =) ⌀ / Package Dimensions



Dimensions in millimeters		Symbol		Dimensions in millimeters		Symbol	
Min	Max	a	A	Min	Max	a	A
6.5	6.75			0.50	0.70		
9.0	5.50	b	A1	9.00	9.40		
2.5	6.75			0.75	0.55		
0.95	1.25	c1	B1	0.45	0.55		



, M y f / Marking Instructions



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/ y D } ° Z

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Note:

BR: Company Code.

78I05: Product Type.

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

