

/ Descriptions

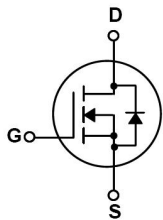
/ Features

1. 1

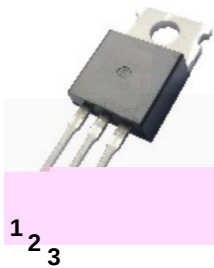
/ Applications

DC/DC

/ Equivalent Circuit



/ Pinning

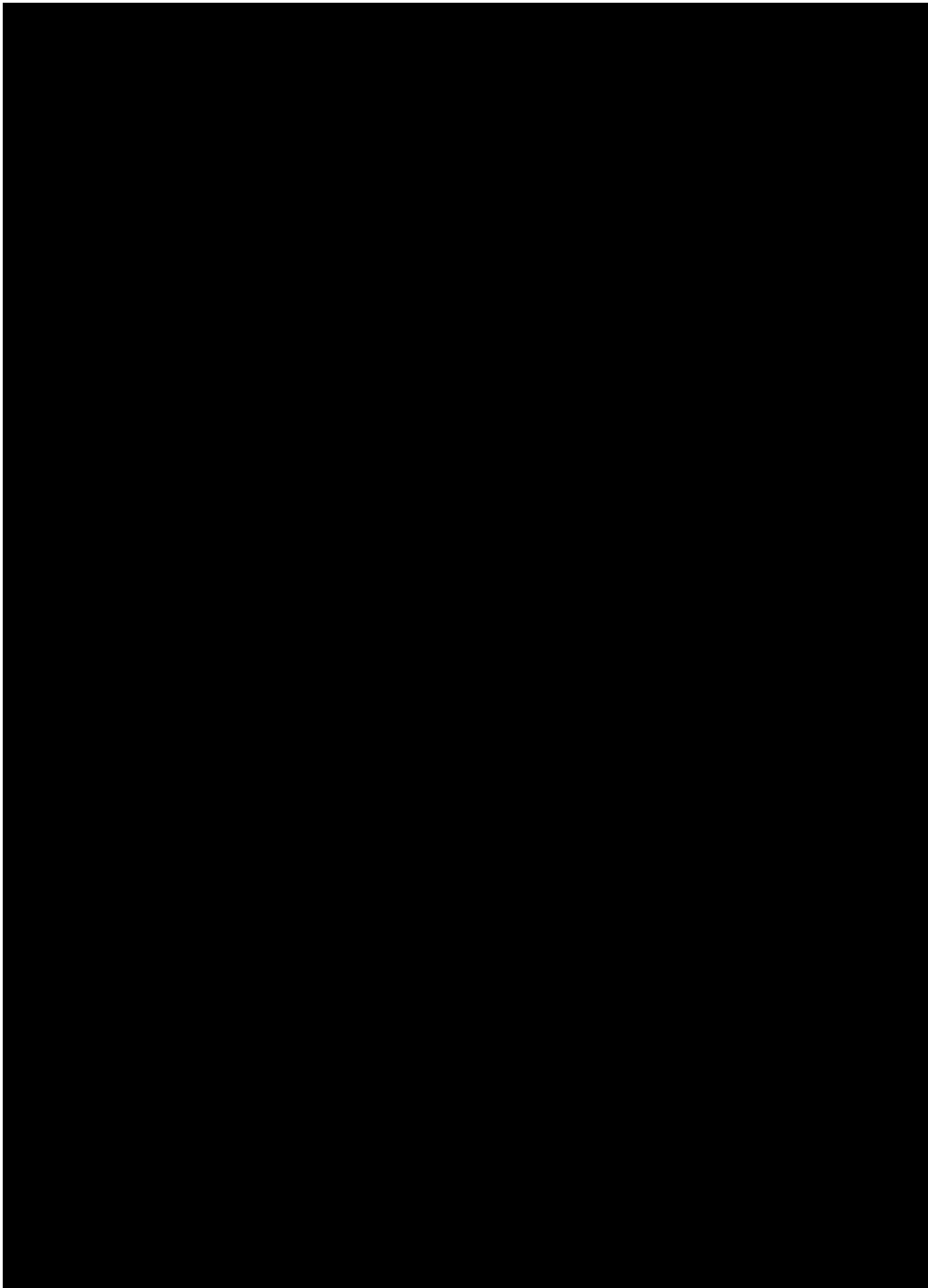


/ h_{FE} Classifications & Marking



/ Source Drain diode

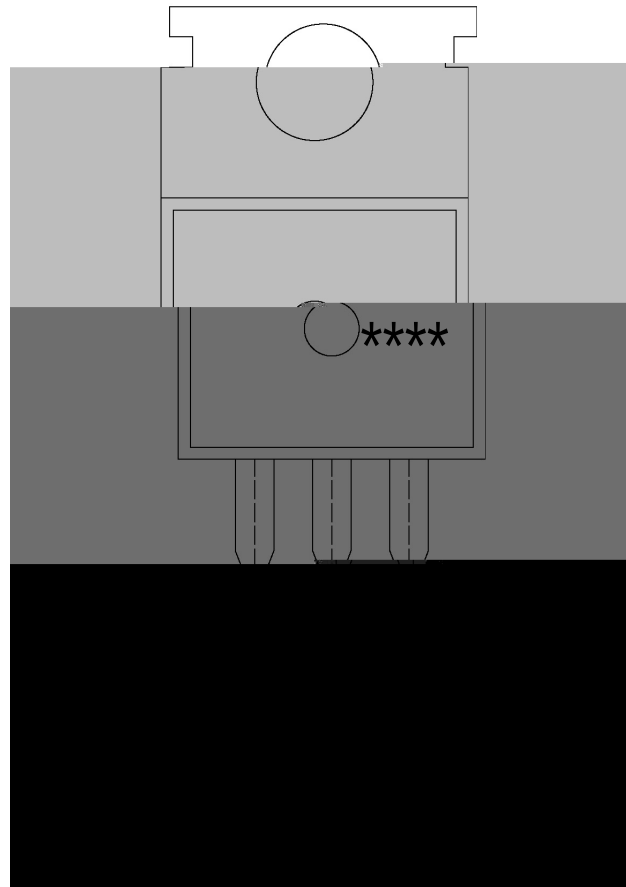
/ Electrical Characteristic Curve





Dimensions in Millimeters				Dimensions in Millimeters			
Symbol		Min	Max	Symbol		Min	Max
	A	9.8	10.2		C	1.2	1.4
	B	2.56	2.64		D	6.3	6.7
	E	15.7	16.1		F	9.0	9.4
	G	2.6	2.8		H	6.6	6.8
	I	9.6	10.0		J	6.7	6.9
	K	1.0	1.1		L	1.0	1.1
	M	2.5	2.6		N	1.0	1.1
	O	1.4	1.5		P	1.0	1.1
	Q	1.4	1.5		R	1.0	1.1
	S	1.4	1.5		T	1.0	1.1
	U	1.4	1.5		V	1.0	1.1

/ Marking Instructions



80N08A

Figure 1 is a line graph showing the temperature profile of the test specimen over time. The Y-axis represents Temperature (°C) from 150 to 300, and the X-axis represents Time (sec) from 0 to 220. The profile consists of three main phases: heating, dwell, and cooling. The heating phase starts at 0 seconds and reaches 255 ± 5 °C at 115 seconds. The dwell phase is at 255 ± 5 °C for 5 ± 0.5 seconds. The cooling phase starts at 169 seconds and ends at 220 seconds. A specific time range of 86 ~ 100 seconds is highlighted during the heating phase.

Time (sec)	Temperature (°C)
0	~150
86 ~ 100	~180
115	255 ± 5
169	255 ± 5
220	~150

 $\pm$ $\pm$

	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Bag	Inner Box	Outer Box
TO-220/F	200	10	2,000	5	10,000	135×190	237×172×102	560×245×195

	Units/Tube /	Tubes/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Tube	Inner Box	Outer Box
TO-220/F	50	20	1,000	5	5,000	532×31.4×5.5	555×164×50	575×290×180

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