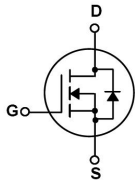
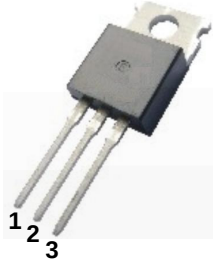


/ Descriptions**/ Features****/ Applications**

AC/DC

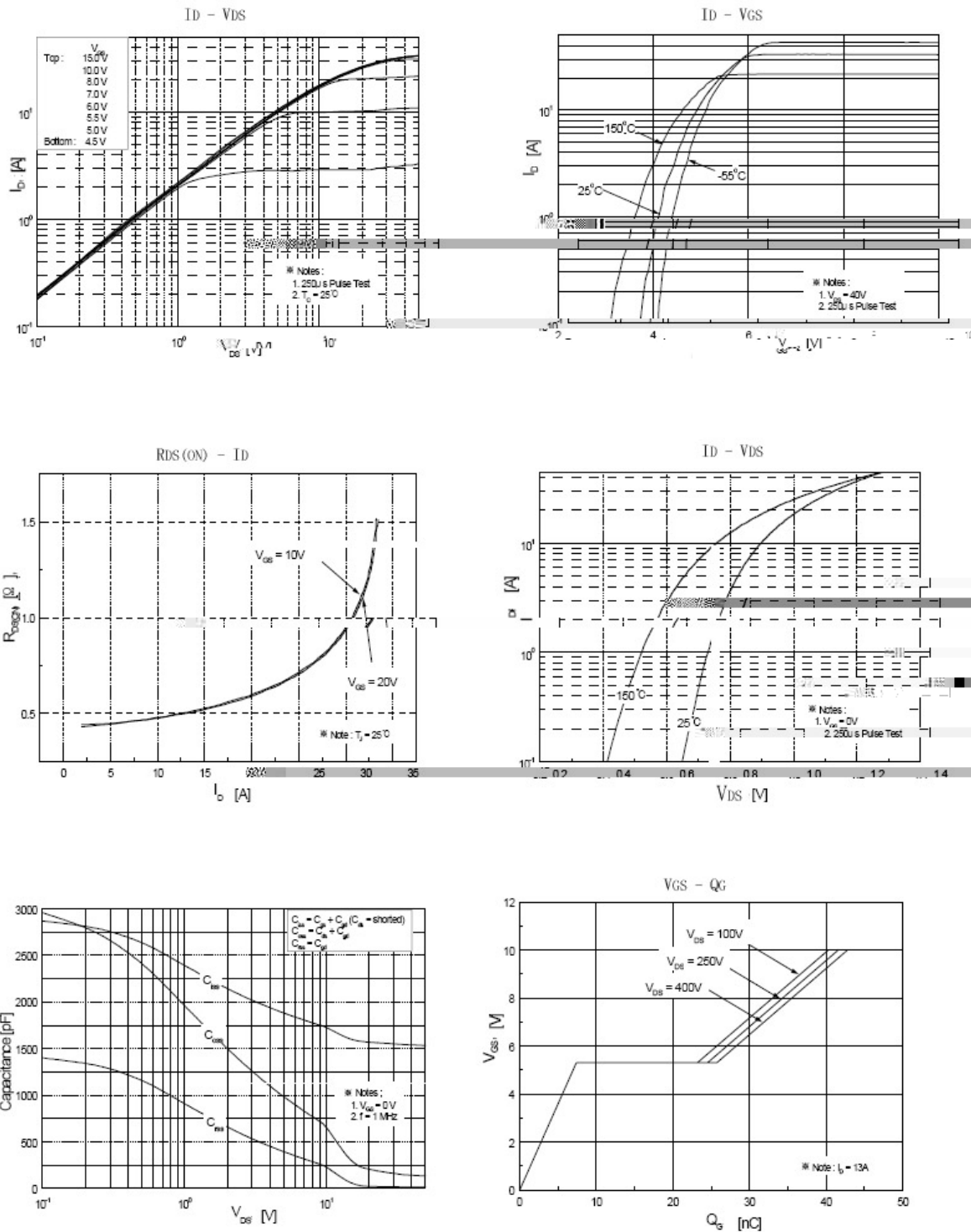
/ Equivalent Circuit**/ Pinning****/ h_{FE} Classifications & Marking**

/ Absolute Maximum Ratings(Ta=25)

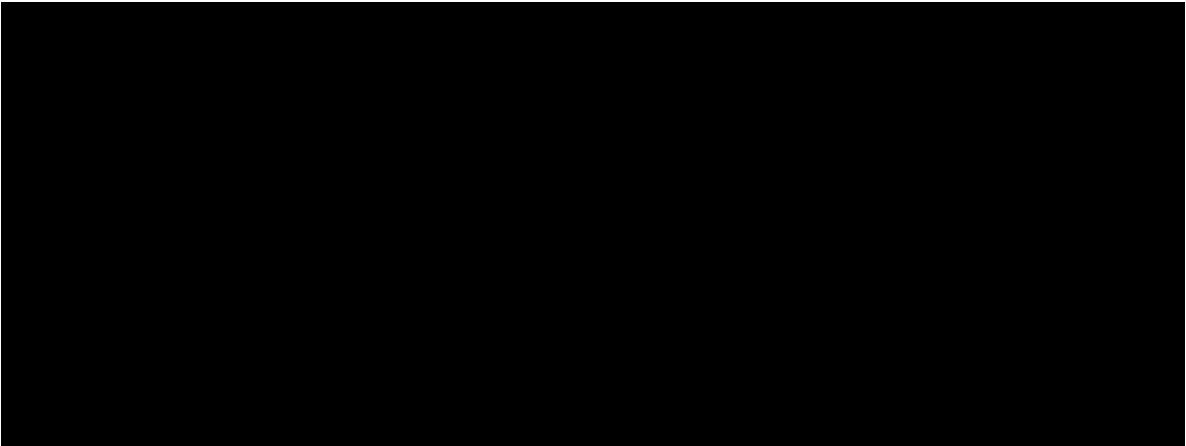
/ Electrical Characteristics(Ta=25)

		μ				
						μ
						μ
						μ
		μ				
						Ω
		Ω				

/ Electrical Characteristic Curve

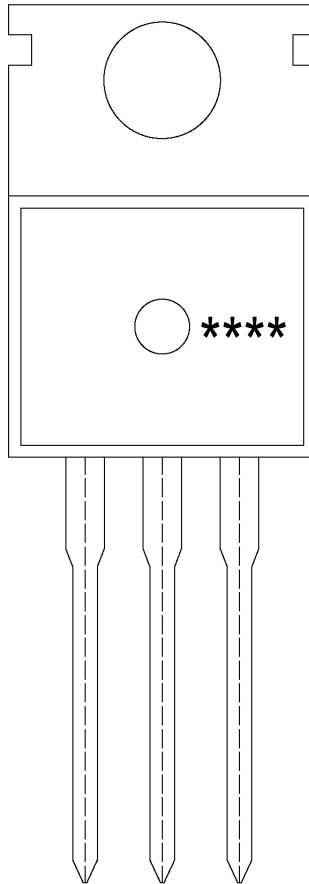


/ Package Dimensions



Dimensions in Millimeters			Dimensions in Millimeters		
Symbol	Min	Max	Symbol	Min	Max
A	9.8	10.2	C	1.2	1.4
R	3.56	3.64	B	6.3	6.7
L	15.7	16.1	B1	9.0	9.4
b	12.6	13.6	C1	2.2	2.6
b1	9.6	10.6	a1	0.7	0.9
C1	10.4	10.6	a	0.7	0.9
a	12.3	12.7	B	2.34	2.74
			a2	1.25	1.45

/ Marking Instructions



13N50

Age Group	Male (%)	Female (%)
18-24	~180	~150
25-34	~220	~180
35-44	~200	~160
45-54	~180	~140
55-64	~160	~120
65-74	~140	~100
75+	~120	~80

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	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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