

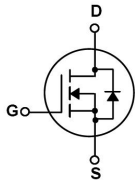
/ Descriptions

/ Features

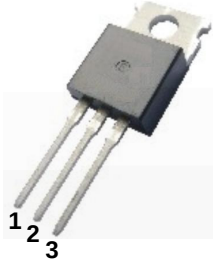
/ Applications

AC/DC

/ Equivalent Circuit



/ Pinning



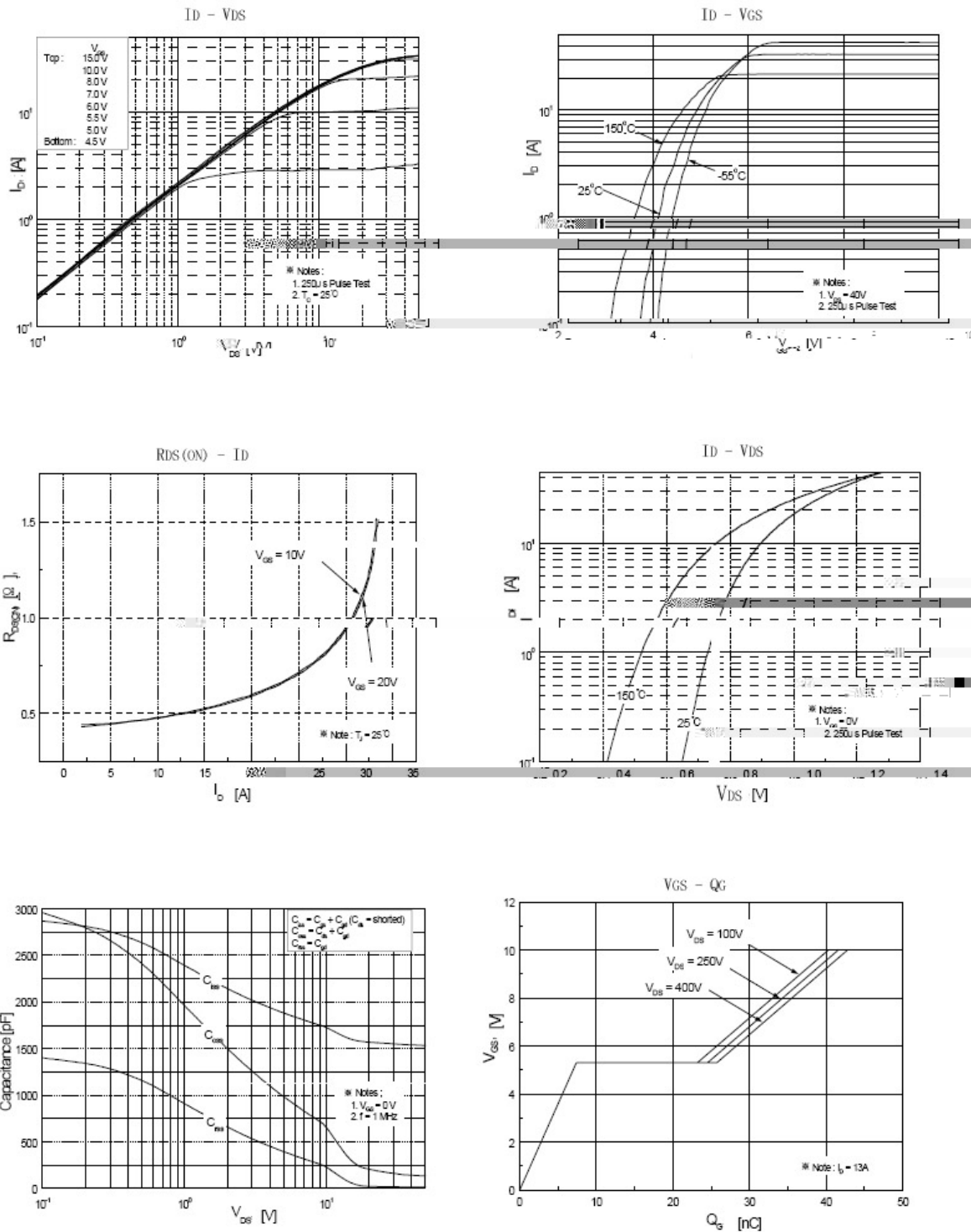
/ h_{FE} Classifications & Marking

/ Absolute Maximum Ratings(Ta=25)

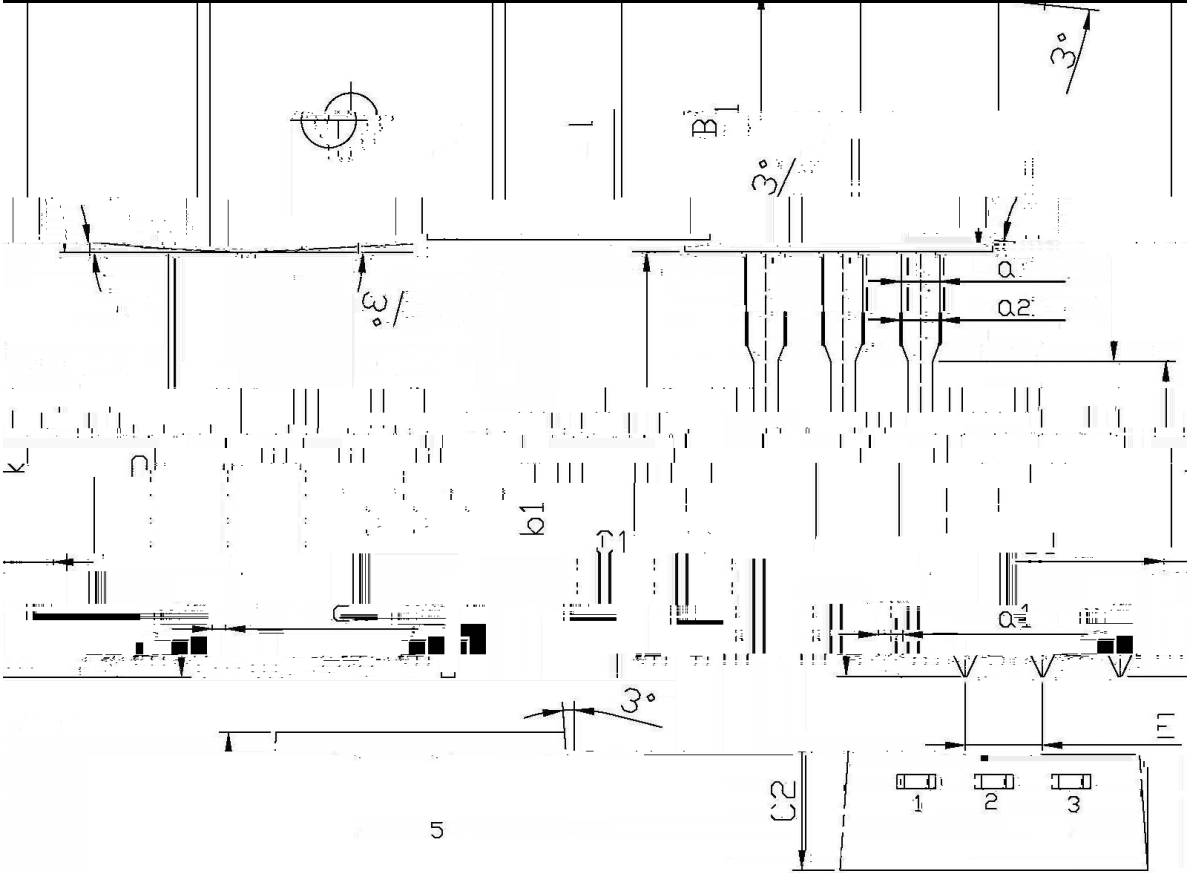
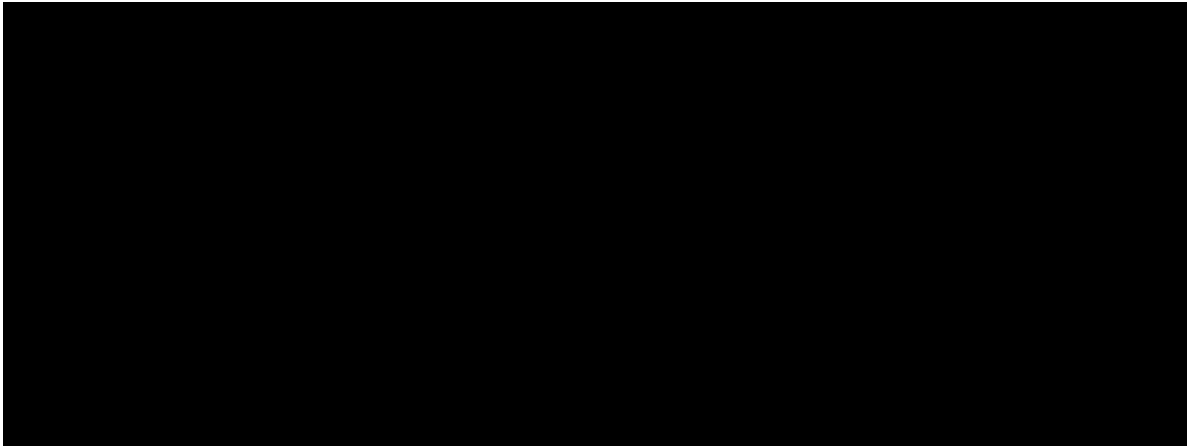
/ Electrical Characteristics(Ta=25)

		μ				
						μ
						μ
						μ
		μ				
						Ω
		Ω				

/ Electrical Characteristic Curve

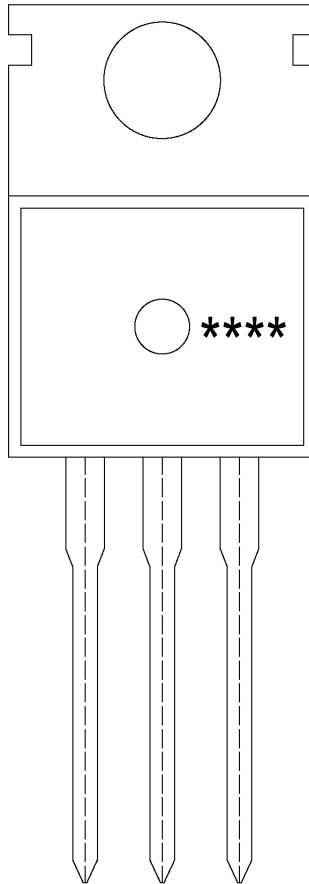


/ Package Dimensions



Dimensions in Millimeters			Dimensions in Millimeters		
Symbol	Min	Max	Symbol	Min	Max
A	9.8	10.2	C	1.2	1.4
B	35.6	36.4	D	6.3	6.7
C	15.7	16.1	E	9.0	9.4
D	12.6	13.6	F	2.2	2.6
E	9.6	10.6	G	0.7	0.9
F	10.4	10.6	H	1.2	1.4
G	14.3	14.7	I	2.3	2.4
H			J	1.25	1.45

/ Marking Instructions



13N50

Age Group	Male (%)	Female (%)
18-24	~100	~100
25-34	~150	~150
35-44	~200	~200
45-54	~250	~250
55-64	~200	~200
65-74	~150	~150
75+	~100	~100

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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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