

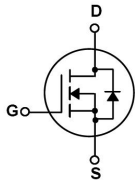
/ Descriptions

/ Features

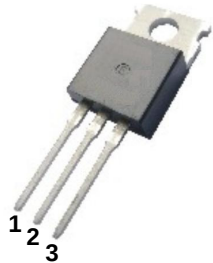
/ Applications

AC/DC

/ Equivalent Circuit



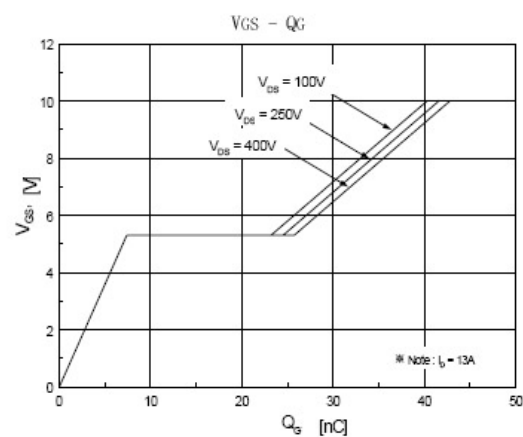
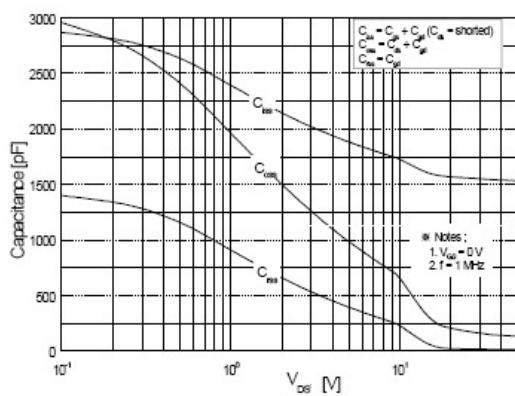
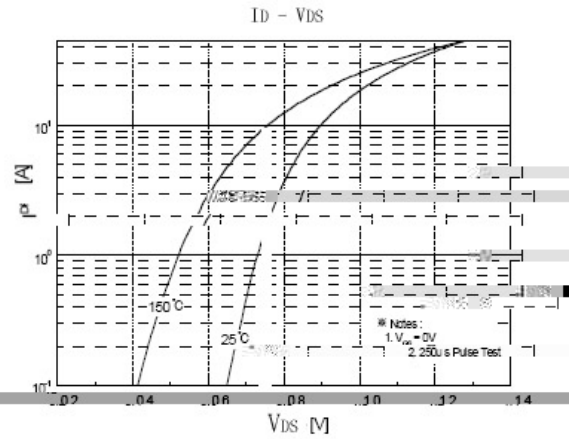
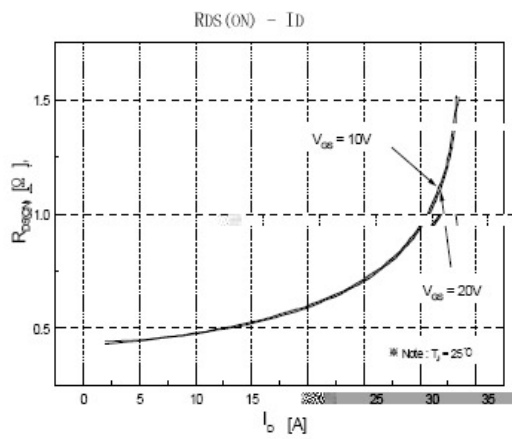
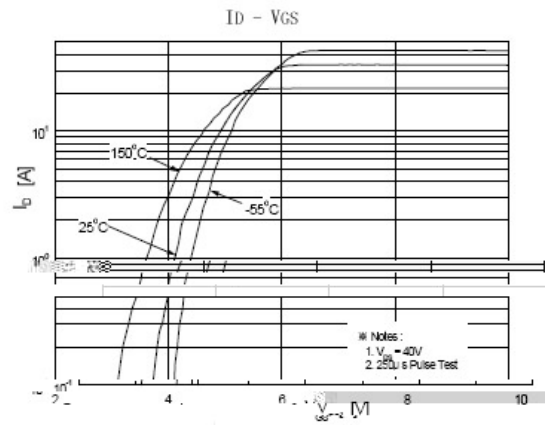
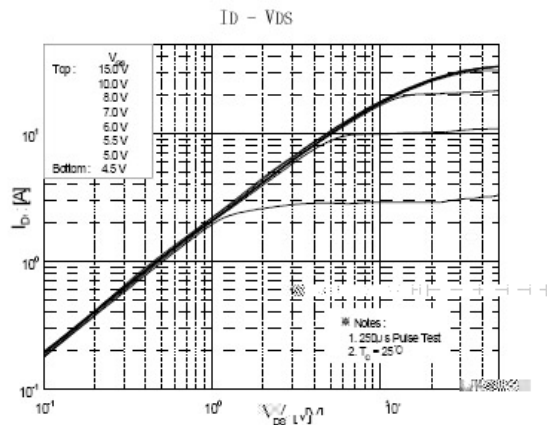
/ Pinning



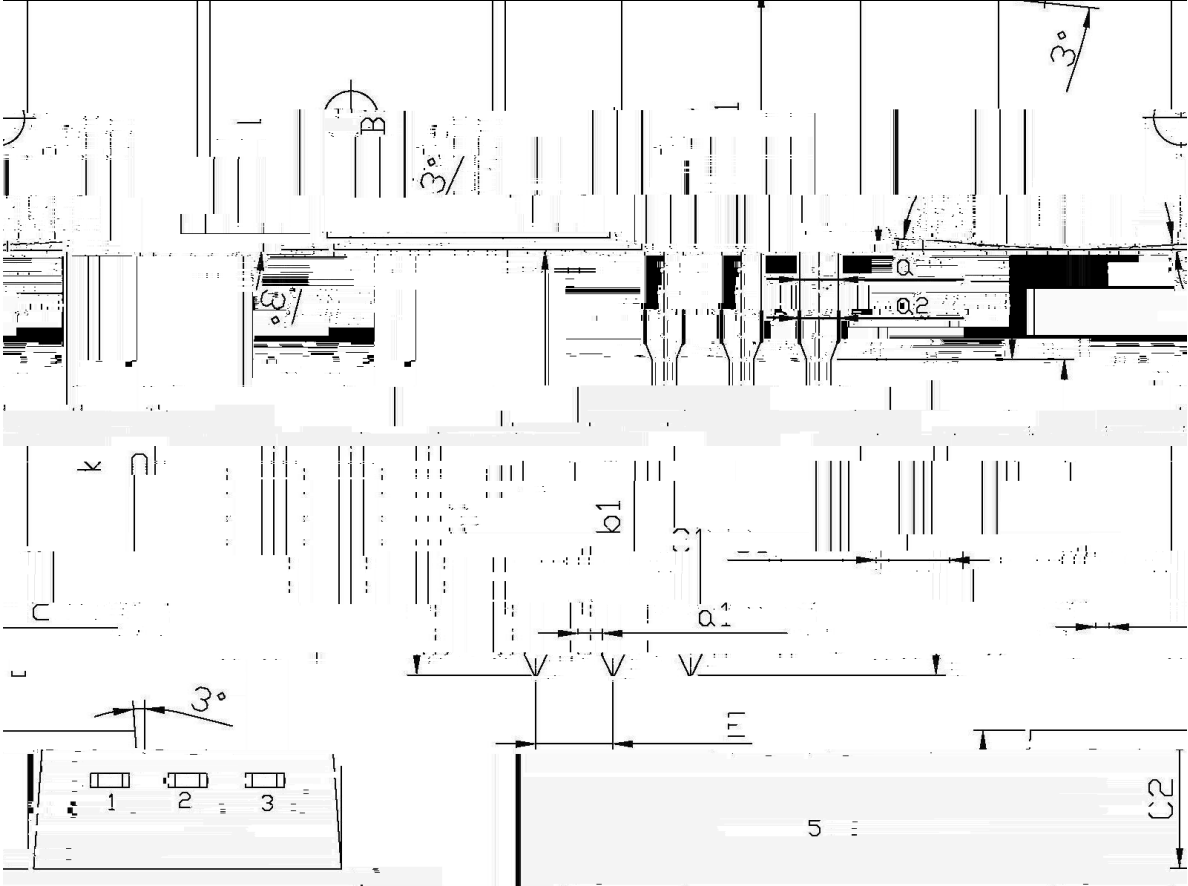
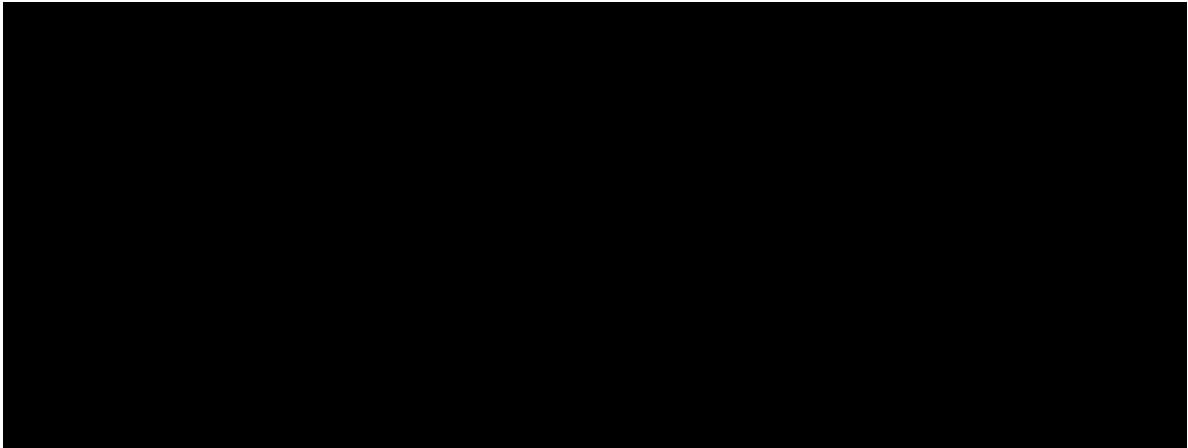
/ h_{FE} Classifications & Marking

[illegible]

/ Electrical Characteristic Curve

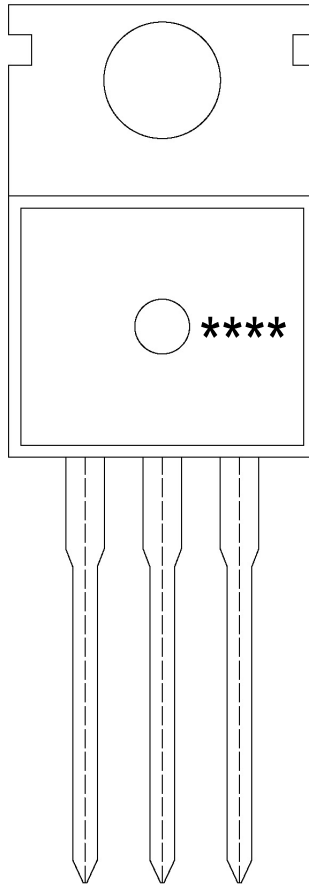


/ Package Dimensions



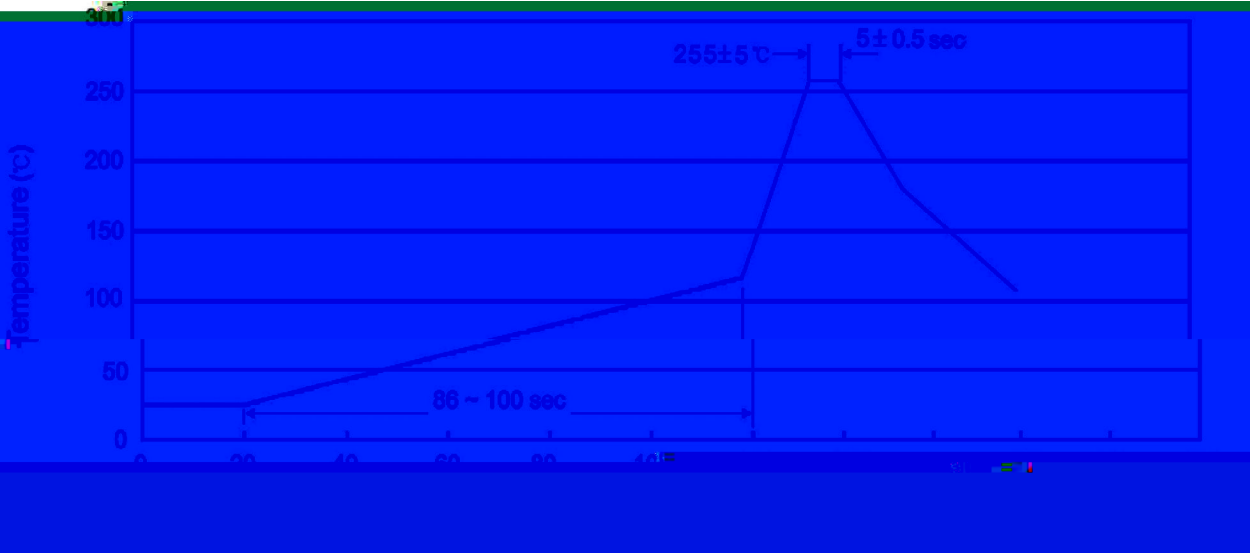
Dimensions In Millimeters				Dimensions In Millimeters			
Symbol	Min	Max	Typ	Symbol	Min	Max	Typ
	0.7	0.9	0.8		0.6	0.8	0.7
	9.0	9.4	9.2		15.7	16.1	15.9
	2.2	2.6	2.4		12.6	13.6	13.1
	0.7	0.9	0.8		9.6	10.6	10.1
	0.4	0.6	0.5		0.4	0.6	0.5
	1.45	1.55	1.5		0.2	0.25	0.22

/ Marking Instructions



13N50

() / Temperature Profile for Dip Soldering(Pb-Free)



± ± ± ±

/ Resistance to Soldering Heat Test Conditions

± ±

/ Packaging SPEC.

	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

/ Notices