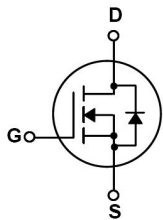


/ Descriptions

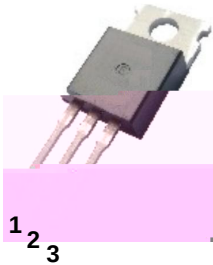
/ Features

/ Applications

/ Equivalent Circuit



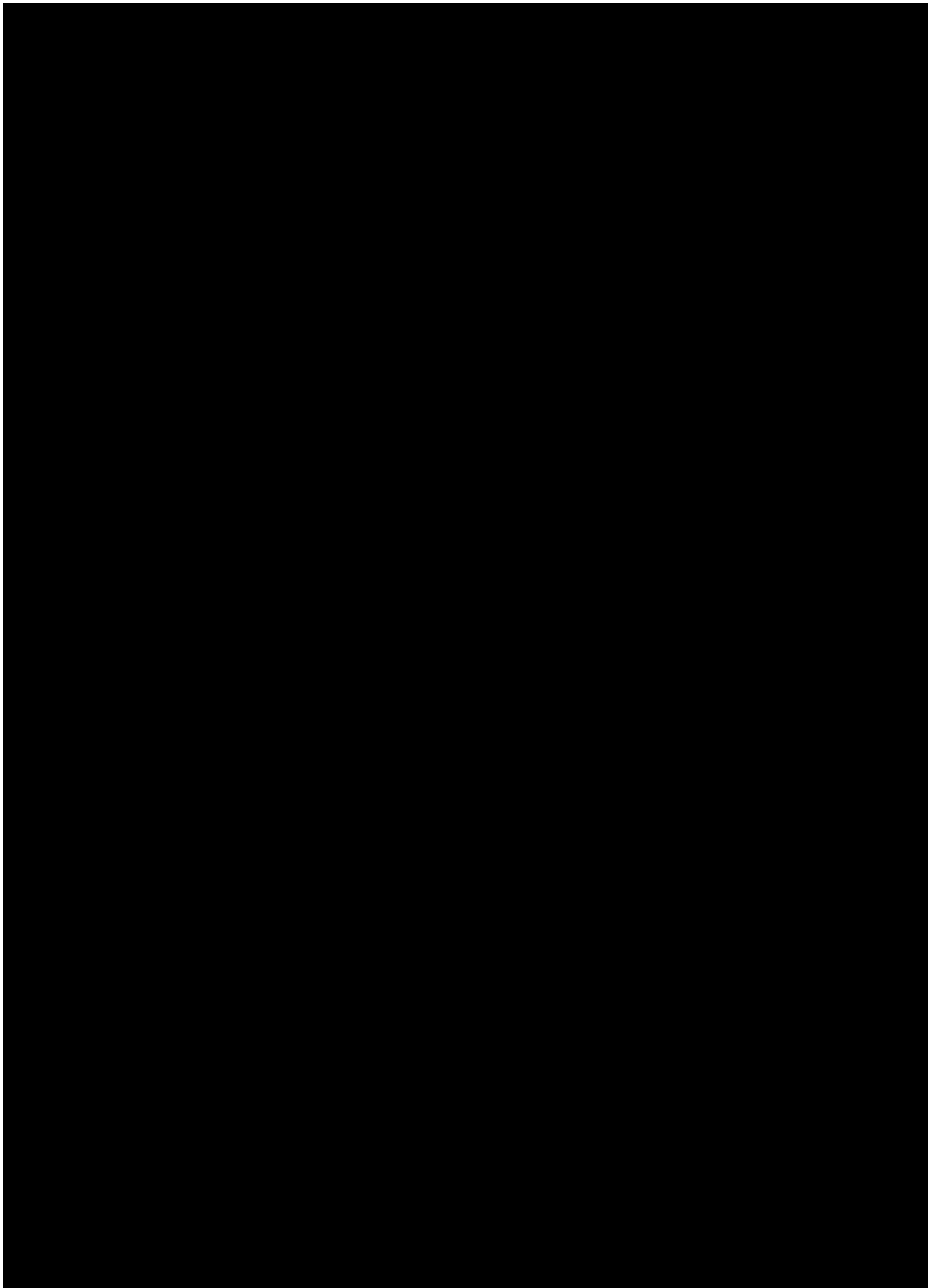
/ Pinning



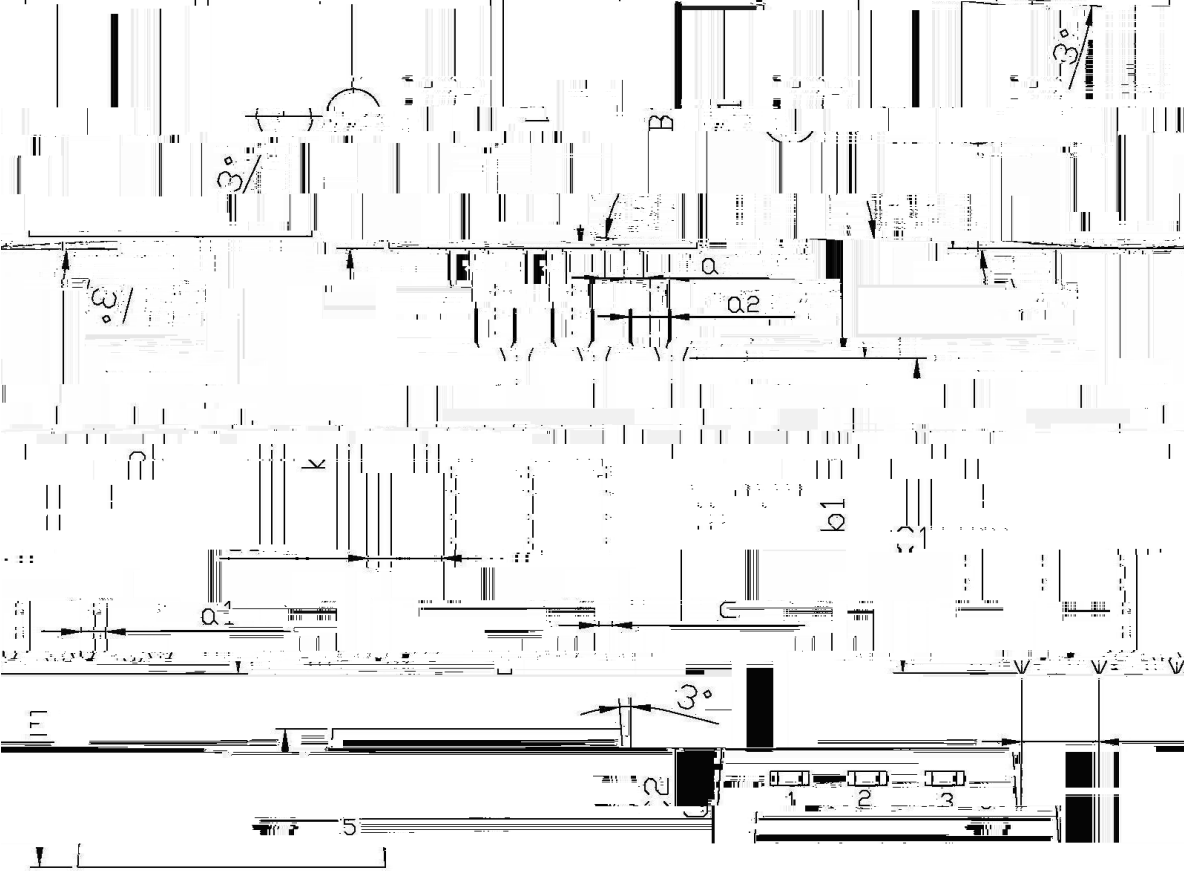
/ h_{FE} Classifications & Marking

/ Source Drain diode

/ Electrical Characteristic Curve

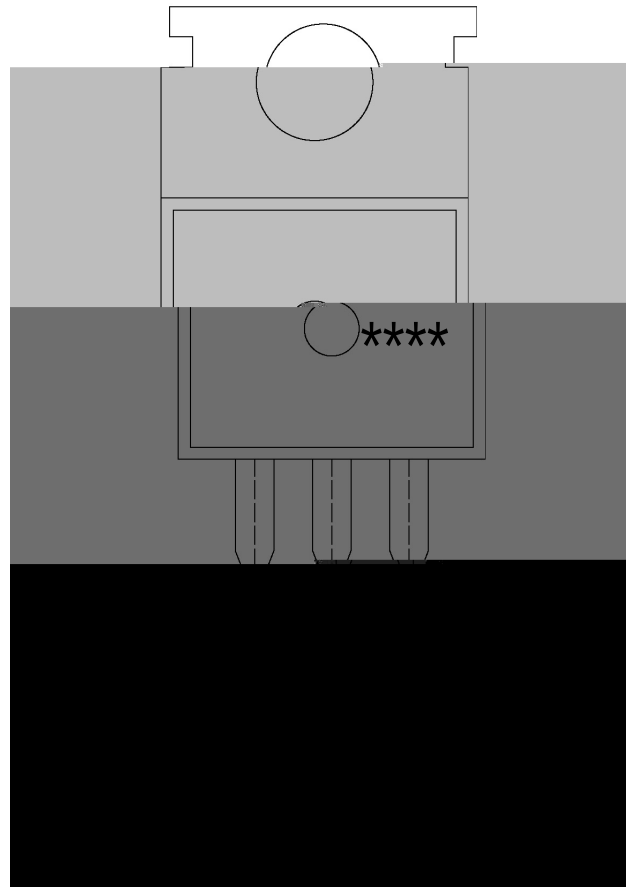


/ Package Dimensions

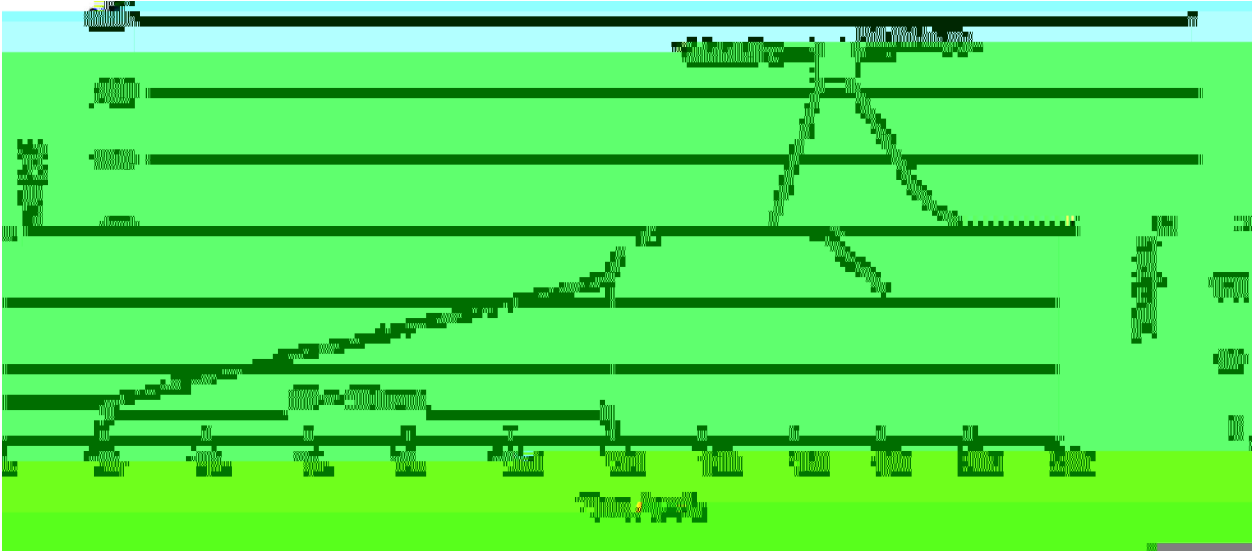


Dimensions in Millimeters				Dimensions in Millimeters			
Symbol	Min	Max		Symbol	Min	Max	
A	9.8	10.2		C	1.2	1.4	
b	3.56	3.64		D	6.3	6.7	
E	5.7	6.1		E	9.3	9.4	
F	2.6	2.7		F	2.6	2.7	
G	9.6	10.4		G	9.6	10.4	
H	1.25	1.45		H	1.25	1.45	
I	1.25	1.45		I	1.25	1.45	
J	1.25	1.45		J	1.25	1.45	
K	1.25	1.45		K	1.25	1.45	
L	1.25	1.45		L	1.25	1.45	
M	1.25	1.45		M	1.25	1.45	
N	1.25	1.45		N	1.25	1.45	
O	1.25	1.45		O	1.25	1.45	
P	1.25	1.45		P	1.25	1.45	
Q	1.25	1.45		Q	1.25	1.45	
R	1.25	1.45		R	1.25	1.45	
S	1.25	1.45		S	1.25	1.45	
T	1.25	1.45		T	1.25	1.45	
U	1.25	1.45		U	1.25	1.45	
V	1.25	1.45		V	1.25	1.45	
W	1.25	1.45		W	1.25	1.45	
X	1.25	1.45		X	1.25	1.45	
Y	1.25	1.45		Y	1.25	1.45	
Z	1.25	1.45		Z	1.25	1.45	

/ Marking Instructions



() / 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