

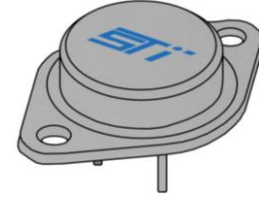
GENERIC DESCRIPTION

GENERIC

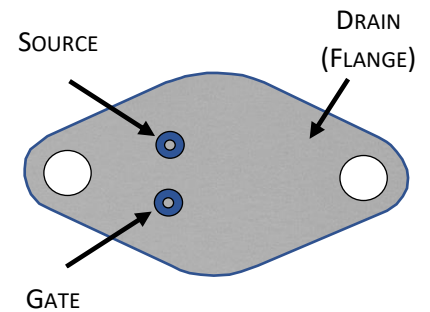
Absolute Maximum Ratings

Parameter	Value	Units
V_{DS}		V
V_{DGR}		V
$I_D @ T_C = 25^\circ\text{C}$		A
$I_D @ T_C = 100^\circ\text{C}$		A
I_{DM}		A
$P_D @ T_C = 25^\circ\text{C}$		W
$P_D @ T_C = 100^\circ\text{C}$		W
I_{LM}		A
T_J		°C
T_{stg}		

Package Availability / Pin Out



TO-204AA (TO-3)



Electrical Characteristics @ $T_C = 25^\circ\text{C}$ (Unless Otherwise Specified)

Parameter	Conditions	Min	Max	Units	Notes
BV_{DSS}				V	
$V_{GS(TH)}$				V	
I_{GSSF}				nA	
I_{GSSR}				nA	
I_{DSS}				mA	
$V_{DS(ON)}$				V	2
$R_{DS(ON)}$				Ω	2
g_{fs}				S	2
$t_{d(on)}$				ns	1
t_r				ns	1
$t_{d(off)}$				ns	1
t_f				ns	1
I_S (Body Diode)				A	
I_{SM} (Body Diode)				A	
V_{SD}				V	

Note 1) This parameter qualification tested only and is not production tested

Note 2) Pulse Test Pulse Width (300usec, Duty Cycle <2)