



Parameter	Symbol	Rating	Unit
Drain-source voltage	V_{DS}	-60	V
Gate-source voltage	V_{GS}	± 20	V
Drain current	I_D	-1.25 -0.85	A
Pulsed drain current	I_{DM}	-8	A
Avalanche Current	I_{AS}	-5	A
Power dissipation	P_D	1.25 0.8	W
Operating junction and storage temperature range	T_j, T_{stg}	-55 to +150	$^{\circ}C$

*1 Surface Mounted on FR4 Board.

*2 $t \leq 5$ sec

Thermal Resistance Ratings $T_a = 25^{\circ}C$

Parameter	Symbol	Typical	Maximum	Unit
Maximum Junction to Ambient*	R_{thJA}	130	166	$^{\circ}C$
Maximum Junction-to-Lead*	R_{thJL}	45	60	

* Surface Mounted on FR4 Board.