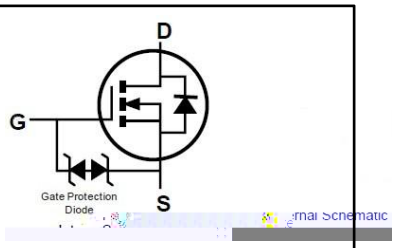
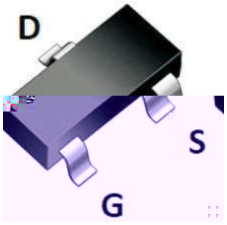
	0.31A
	50V
	3.5Ω
	6.0Ω





SOT-23

- Low On-Resistance
- Low Input Capacitance.
- Fast Switching Speed.

- Case: SOT-23
- Epoxy UL: 94V-0
- Mounting Position: Any

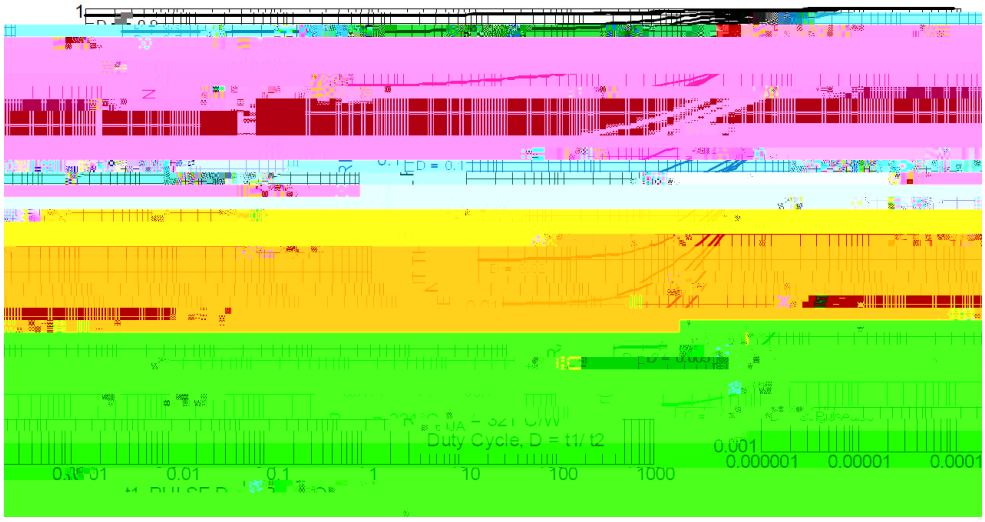
Ratings at 25 ambient temperature unless otherwise specified.

Drain-Source Voltage		50	
Gate-Source Voltage		±20	
Continuous Drain Current		0.31	
Maximum Continuous Body Diode Forward Current		0.50	
Pulsed Drain Current(10us Pulse, Duty Cycle=1%)		0.80	
Power Dissipation		350	
Junction Temperature		150	
Storage Temperature		-50-+150	
Thermal Resistance From Junction to Ambient		357	

Ratings at 25 ambient temperature unless otherwise specified.

Drain-Source Breakdown Voltage	V_{GS}=0V, I_D=250uA	50	
Gate-Threshold voltage(note1)	V_{DS}=V_{GS}, I_D=1mA	0.5	1.5
Gate-body Leakage	V_{DS}=0V, V_{GS}=±20V		±10
Zero Gate Voltage Drain current	V_{DS}=50V, V_{GS}=0V		1.0

Drain-Source


Duty Cycle, D = t1/ t2
0.001
0.000001
0.00001
0.01
0.1
1
10
100
1000

Ordering informatio