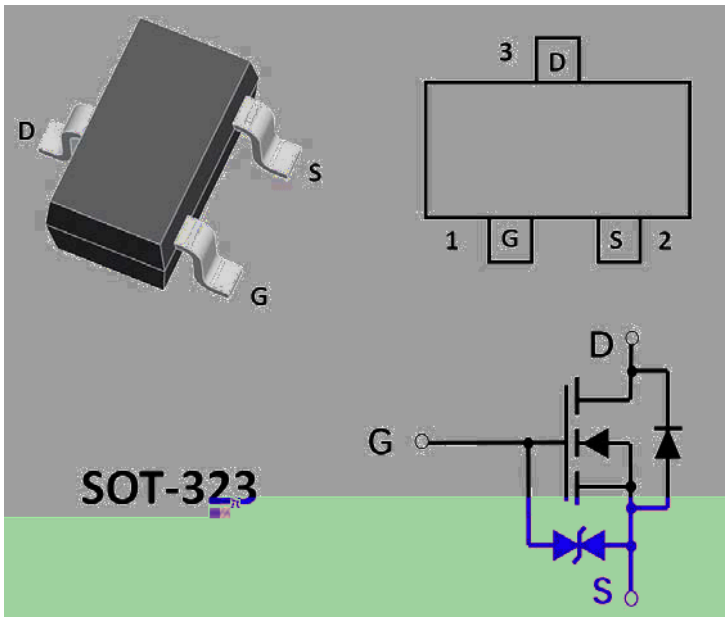
2N7002KCWQ

N-Channel Enhancement Mode Field Effect Transistor



Product Summary

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General Description

Applications

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Absolute Maximum Ratings ℃

Parameter		Symbol	Limit	Unit
			～	

Ordering Information

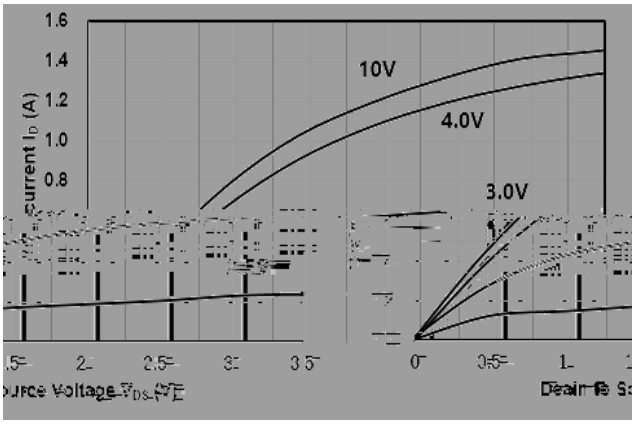
PREFERED P/N	PACKING CODE	Marking	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE

Electrical Characteristics ℃

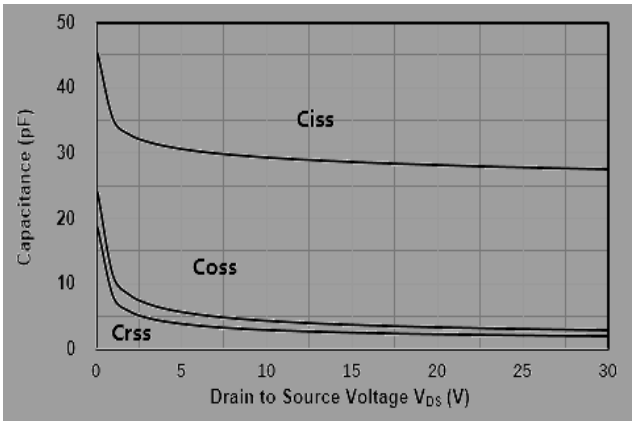
Parameter	Symbol	Conditions	Min	Typ	Max	Units
Static Parameter						
Dynamic Parameters						
Switching Parameters						

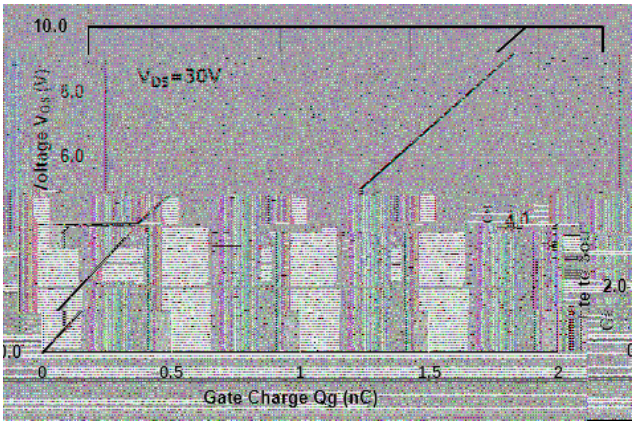
≤ ≤

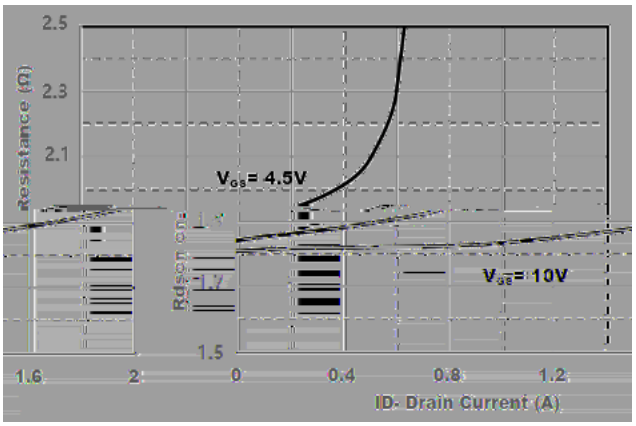
■ Typical Performance Characteristics

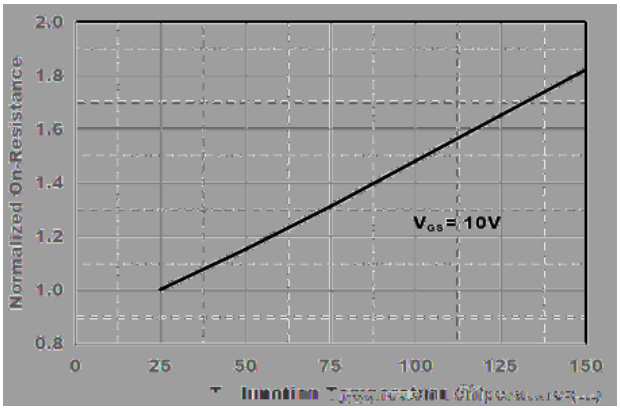


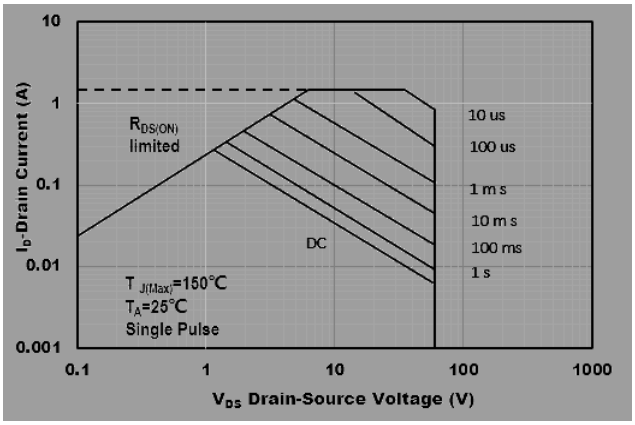


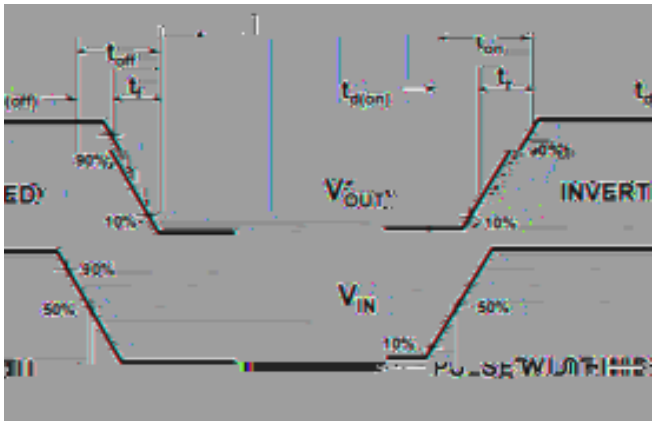




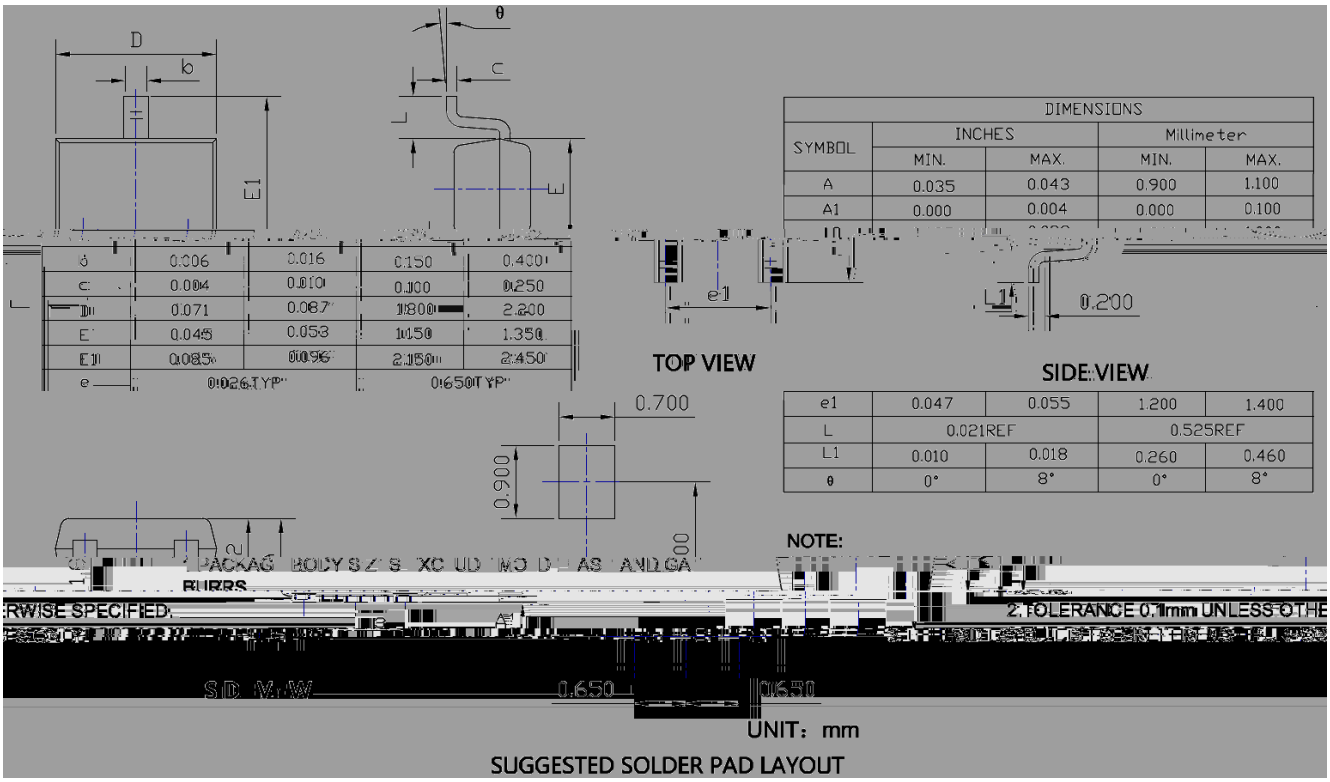





10
1
0.1
0.01
0.001
0.1
1
10
100
1000
I_D-Drain Current (A)
V_{DS} Drain-Source Voltage (V)
$R_{DS(ON)}$ limited
10 us
100 us
1 m s
10 m s
100 ms
1 s
DC
$T_{J(Max)}$=150°C
T_A=25°C
Single Pulse

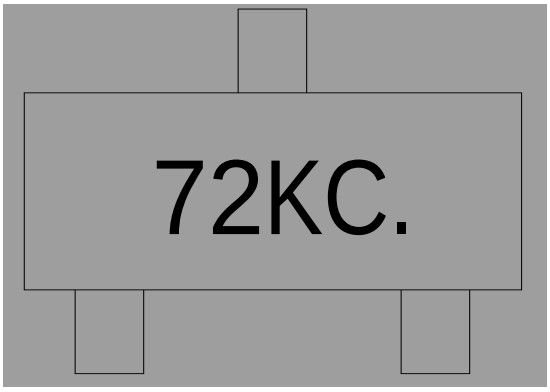

t_{off}
t_f
$t_{d(on)}$
t_{on}
t_r
90%
10%
V_{OUT}
INVERT
V_{IN}
50%
10%

SOT-323 Package Information



DIMENSIONS				
SYMBOL	INCHES		Millimeter	
	MIN.	MAX.	MIN.	MAX.
A	0.035	0.043	0.900	1.100
A1	0.000	0.004	0.000	0.100
b	0.006	0.016	0.150	0.400
c	0.004	0.010	0.100	0.250
D	0.071	0.087	1.800	2.200
E	0.045	0.053	1.150	1.350
E1	0.085	0.096	2.150	2.450
e	0.026TYP		0.650TYP	
e1	0.047	0.055	1.200	1.400
L	0.021REF		0.525REF	
L1	0.010	0.018	0.260	0.460
θ	0°	8°	0°	8°

Marking Information





Disclaimer

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