

Silicon N-Channel Power MOSFET

Description

General Features

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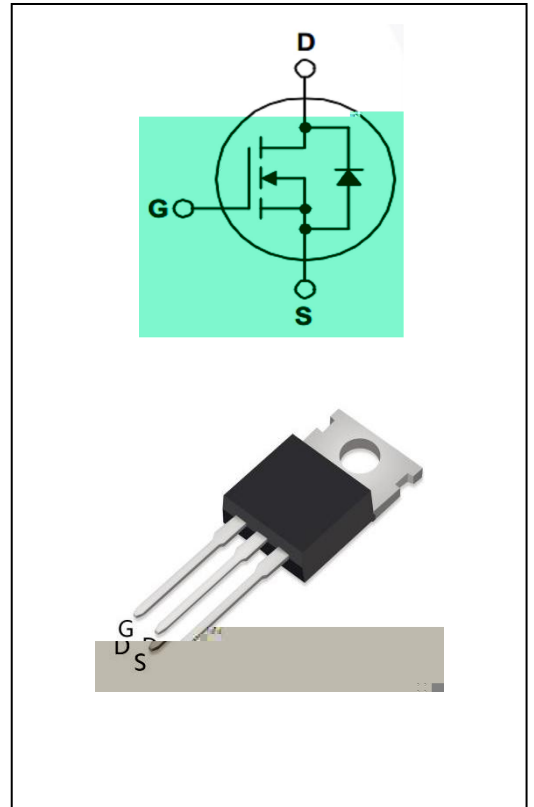
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Application

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Electrical Characteristics °C

a) Absolute Maximum Ratings:

Symbol	Parameter	Value	Units
			°C
			°C
			°C
			°C
			°C

b) Electrical Parameters:

Symbol	Parameter	Test Conditions	Min	Typ	Max	Unit
		μ				
						Ω
		μ				
						μ
					100	nA
						nA

c) Switching Characteristics

Symbol	Parameter	Test Conditions	Min	Typ	Max	Unit
		Ω				

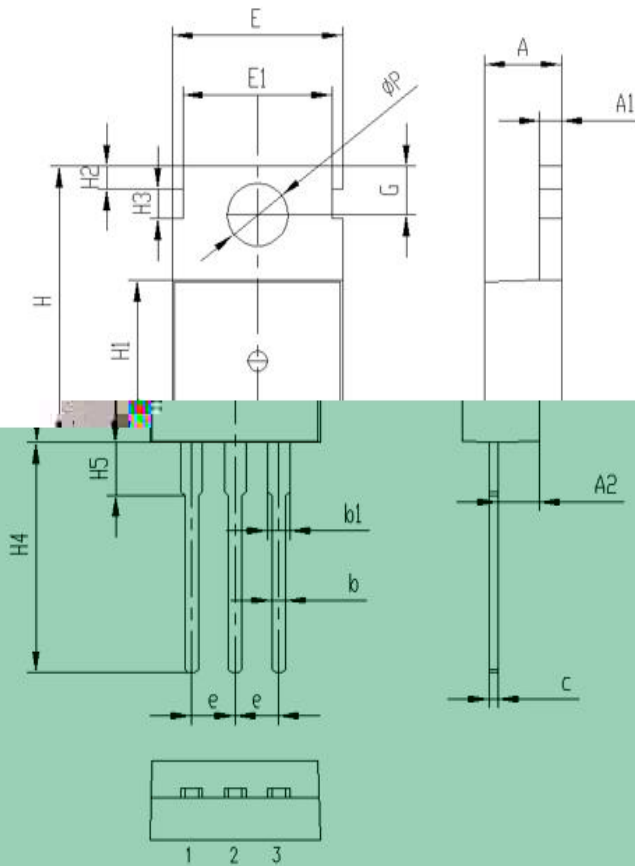
d) Source-Drain Diode Characteristics

Symbol	Parameter	Test Conditions	Min	Typ	Max	Unit
		$^{\circ}\text{C}$				
						μ
		μ				

Symbol	Parameter	Typ	Units
$R_{\theta\text{JC}}$	Junction-to-Case	3.75	$^{\circ}\text{C}/\text{W}$
$R_{\theta\text{JA}}$	Junction-to-Ambient	100	$^{\circ}\text{C}/\text{W}$

Package Information

TO-220C PACKAGE



Symbol	单位 mm		
	Min	Nom	Max
A	4.30	4.5	4.70
A1	1.20	1.30	1.40
A2	2.20	2.4	2.60
b	0.60	0.8	1.00
b1	1.20	1.30	1.40
c	0.40	0.5	0.60
e	2.44	2.54	2.64
E	9.80	10.0	10.2
E1	8.50	8.70	8.90
H	15.5	15.7	15.9
H1	9.00	9.2	9.40
H2	1.10	1.34	1.50
H3	1.50	1.7	1.90
H4	12.9	13.3	13.7
H5	2.80	3.0	3.20
G	2.60	2.8	3.00
ΦP	3.40	3.6	3.80

Notice

-Headquarters