Silicon N-Channel MOS FET

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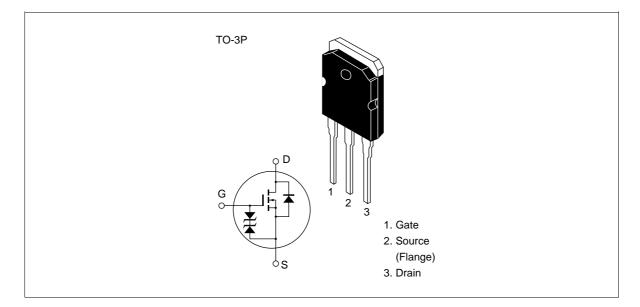
Application

Low frequency power amplifier Complementary pair with 2SJ351, 2SJ352

Features

- High power gain
- Excellent frequency response
- High speed switching
- Wide area of safe operation
- Enhancement-mode
- Good complementary characteristics
- Equipped with gate protection diodes

Outline



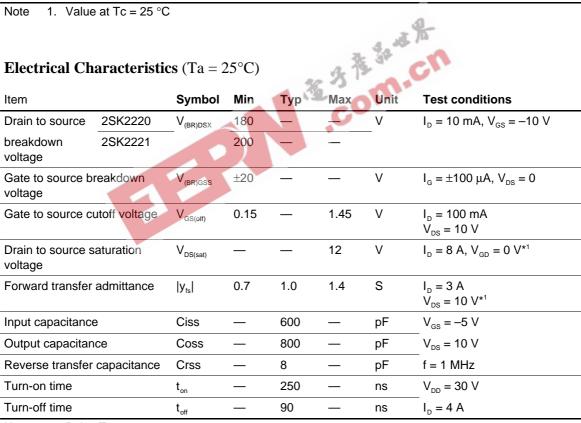


Absolute Maximum Ratings ($Ta = 25^{\circ}C$)

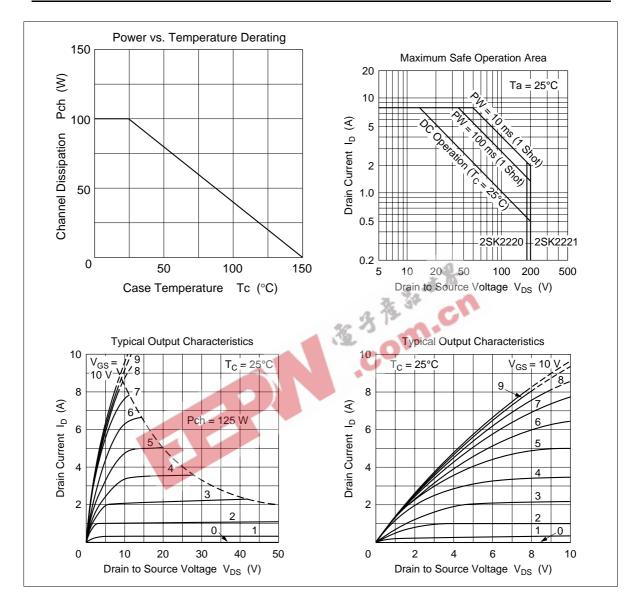
Item		Symbol	Ratings	Unit
Drain to source voltage	2SK2220	V _{DSX}	180	V
	2SK2221		200	
Gate to source voltage		V _{GSS}	±20	V
Drain current		I _D	8	А
Body to drain diode reverse drain current		I _{DR}	8	А
Channel dissipation		Pch*1	100	W
Channel temperature		Tch	150	°C
Storage temperature		Tstg	-55 to +150	°C
	-			

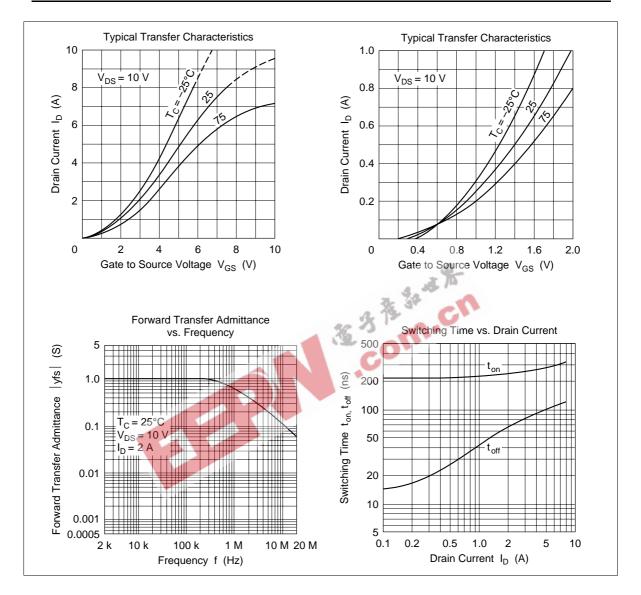
Note 1. Value at Tc = 25 °C

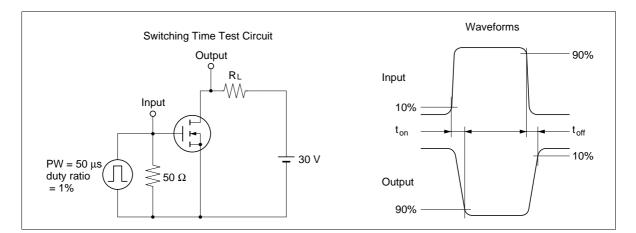
Electrical Characteristics (Ta = 25°C)



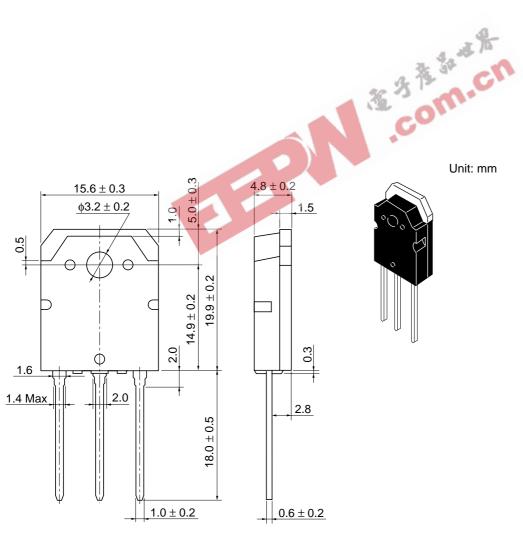
Note 1. Pulse Test

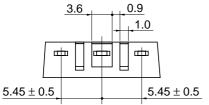












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JEDEC	—	
EIAJ	Conforms	
Weight (reference value)	5.0 g	

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