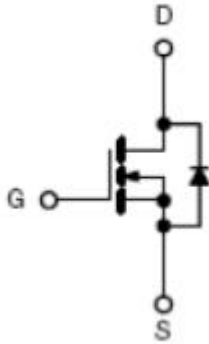


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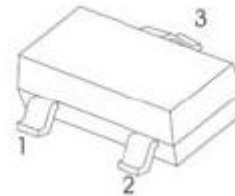
N-Channel 20-V(D-S) MOSFET

FEATURES

TrenchFET Power MOSFET

Schematic Diagram (N-Channel)**PRODUCT SUMMARY**

V_{DSS}	20	V
I_D	2.1	A
$P_D(T_C=25^\circ\text{C})$	0.35	W
$R_{DS(ON)}$	0.045	Ω

SOT-23

1. GATE
2. SOURCE
3. DRAIN

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS $T_C = 25^\circ\text{C}$ unless otherwise specified

Symbol	Parameter	Rating	Units
V_{DS}	Drain-Source Voltage	20	V
V_{GS}	Gate-Source Voltage	± 8	V
I_D	Continuous Drain Current	2.1	A
I_S	Continuous Source-Drain Current(Diode Conduction)	0.6	A
P_D	Power Dissipation	0.35	W
$R_{\theta JA}$	Thermal Resistance from Junction to Ambient ($t \leq 5s$)	357	$^\circ\text{C/W}$
T_J	Operating Junction	150	$^\circ\text{C}$
T_{STG}	Storage Temperature	-55 ~ +150	$^\circ\text{C}$

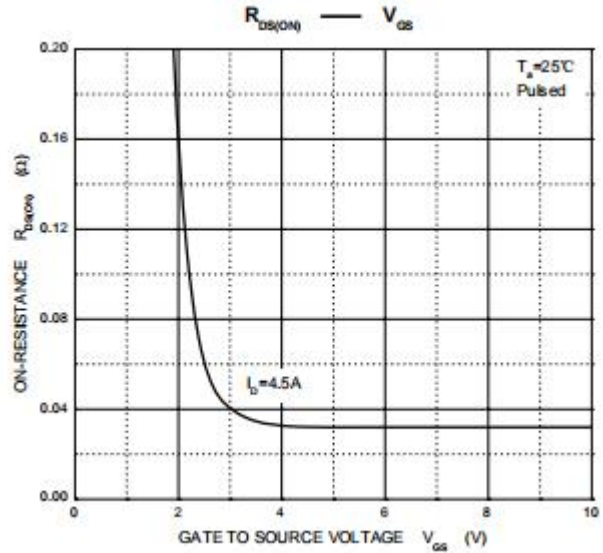
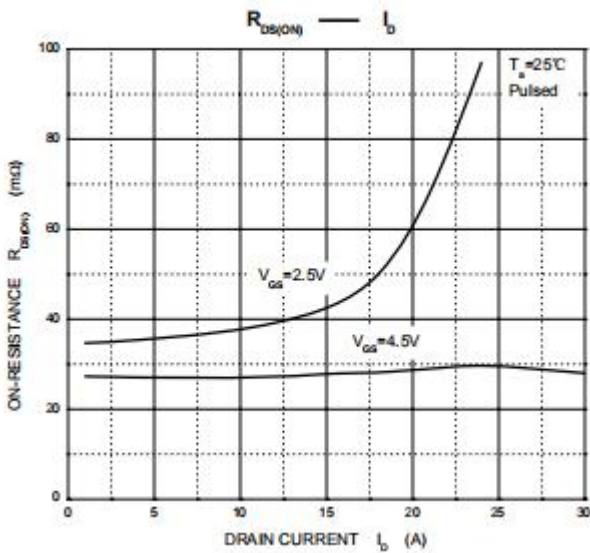
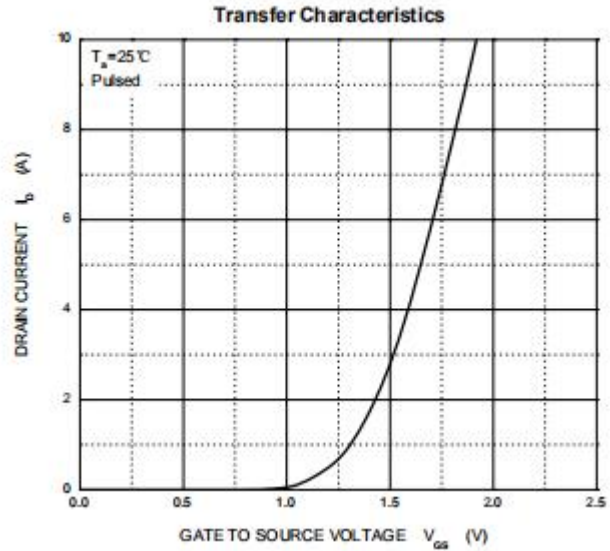
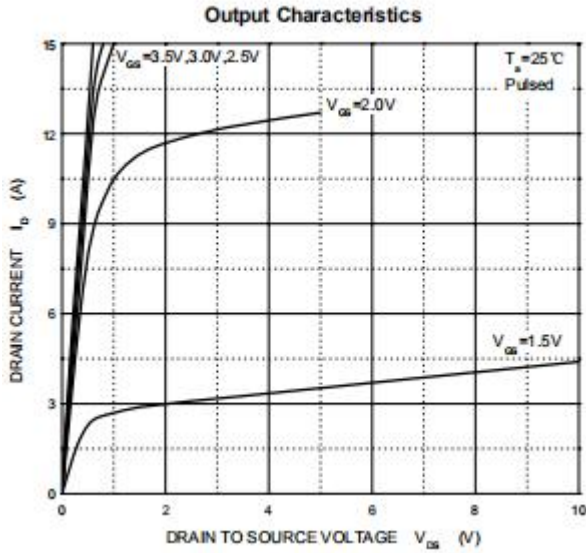
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N-Channel 20-V(D-S) MOSFET

RATING AND CHARACTERISTIC CURVES



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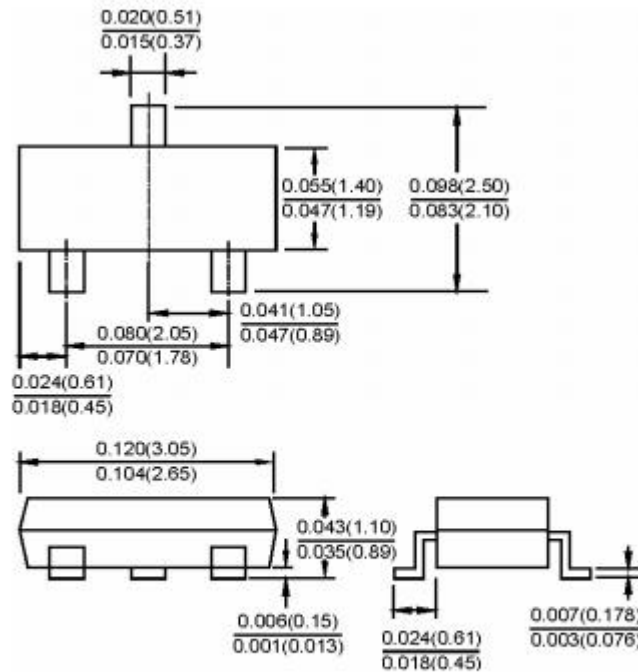
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N-Channel 20-V(D-S) MOSFET

Package Dimensions

SOT-23



Dimensions in inches and (millimeters)

Notes: Specifications are subject to change without notice.

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Website: www.kingtronics.com Email: info@kingtronics.com Tel: (852) 8106 7033 Fax: (852) 8106 7099