

TOLL-8L / x N ?ú 3 « | • 'ož

N-Channel MOSFET in a TOLL-8L Plastic Package.

 $V_{DS}(V)=100V$ $I_D=280A$ $R_{DS(ON)}@10V$ "2.3m Ÿ(Typ.2.1mR)

—)í D } ÄHF Product.

W Ä ~k Ý ä " J ~ © ĩ k

BMS ~k ù ° V ñož

Power Tool appliances,High power inverter system,BMS appliances,Light electric vehicles.

PIN1 Ö G PIN2 Ä3 Ä4 Ä5 Ä6 Ä7 Ä8 ÖS PIN9 ÖD

D TT4 1 Tm 0 g .0004 Tc <52c009ed0856911>

<div>@ <i>f</i></div> <div>Parameter</div>	<div>... Z</div> <div>Symbol</div>	<div><i>f</i> ></div> <div>Rating</div>	<div>% y</div> <div>Unit</div>
Drain-Source Voltage	V		

Electrical Characteristics(Ta=25 °C ;)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Turn-On Delay Time	$t_{d(on)}$	$V_{GS}=10V$ $V_{DS}=50V$ $R_L=2.5 \Omega$ $R_G=4.5 \Omega$ $I_{DS}=20A$		32		ns
Turn-On Rise Time	t_r			40		
Turn-Off Delay Time	$t_{d(off)}$			80		
Turn-Off Fall Time	t_f			35		
Reverse Recovery Time	t_{rr}	$I_{DS} = 20 A, V_{GS} = 0 V$		80		nS
Reverse Recovery Charge	Q_{rr}	$dI_{SD}/dt = 100 A/\mu s$		195		nC

Ô ? d • Ž ¢ / Electrical Characteristic Curve

Ô ? d • Ž ¢ / Electrical Characteristic Curve

Ø □ =) ¢ / Package Dimensions

9_SHU	*OSKTYOUTY /T 3OR			9_SHU	*OSKTYOUTY /T 3OR			R OSKZKXY
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, M y f / Marking Instructions

BR

023N10SH
● ****

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023N10SH y ° Z W A
y Ÿ D Z W A k š Ÿ D Z J
Note y
BR y Company Code
023N10SH y Product Type Code
****: Lot No. Code, code change with Lot No

