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 À ˜ k Ý ä " J ˜ © Ï k BMS ˜ k ù º V ñož
Power Tool appliances,High power inverter system,BMS appliances,Light electric vehicles.

PIN1 Ö G PIN2 Ã3 Ã4 Ã5 Ã6 Ã7 Ã8 ÖS PIN9 ÖD

D TT4 1 Tf 1.000484 0 0 96.5e86803 Tm 0 g .0004 Tc <52c009ed0856911>

@ *f* Parameter	… Z Symbol	*f* › Rating	% y Unit
Drain-Source Voltage	V		

Ô4ì × ? d / Electrical Characteristics(Ta=25 ;)

@ *f* Parameter	… Z Symbol	y ¡ Ú ^ Test Conditions	Â 4 › Min	Á º › Typ	Â Ý › Max	% y Unit
Turn-On Delay Time	$t_{d(on)}$	V_{GS}=10V V_{DS}=50V R_L=2.5 ¡ R_G=4.5 ¡ 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 dI_{SD}/dt = 100 A/ - s		80		nS
Reverse Recovery Charge	Q_{rr}			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		
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ROSKZKXY

, M y ƒ / Marking Instructions

BR

023N10SH
● ****

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023N10SH y º 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