

Rev.A Jun.-2024

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TO-220 .> // x P ?ú 3 « | • 'ož

P-CHANNEL MOSFET in a TO-220 Plastic Package.

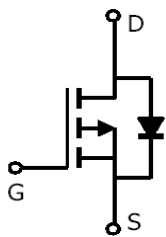
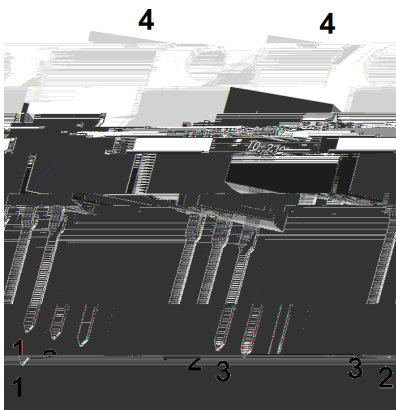
$V_{DS} = -30V$ $I_D = -98A$

$R_{DS(on)} @ -10V \sim 7.0m\Omega$ (Type.6.7m Ω)

$R_{DS(on)} @ -4.5V \sim 15m\Omega$ (Type.9.0m Ω)

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High frequency switching and synchronous rectification,BMS,Motor.



PIN1 y G PIN 2o•4 y D PIN 3 y S

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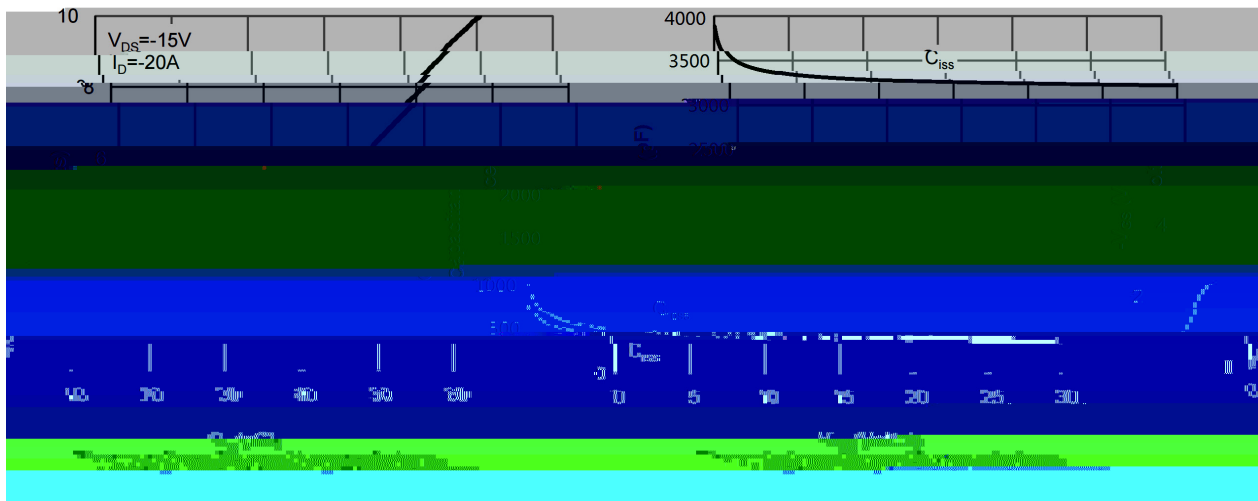
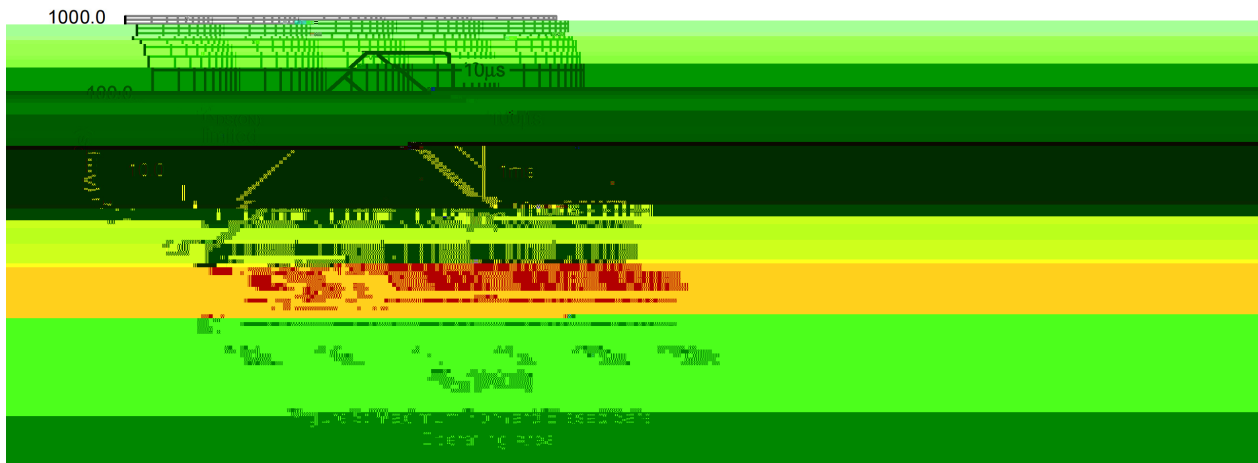
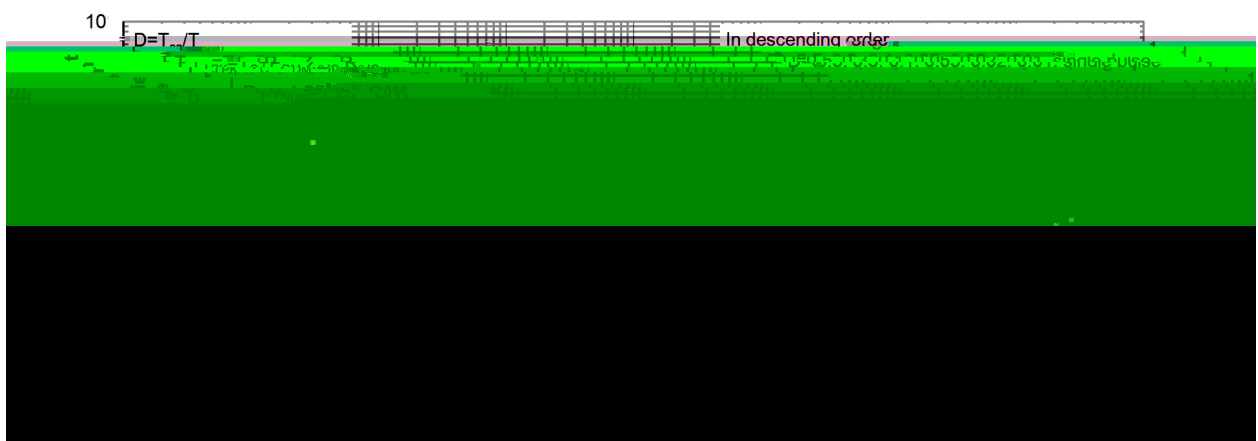
See Marking Instructions.

@ f Parameter	... Z Symbol	$f >$ Rating	% y Unit
Drain-Source Voltage	V_{DS}	-30	V
Drain Current - Continuous	$I_D(T_c=25^\circ\text{C})$	-98	A
Drain Current – Pulsed	I		

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@ f Parameter	... Z Symbol	y ì Ú ^ Test Conditions	Â 4 > Min	Á ° > Typ	Â Ý > Max	% y Unit
Turn-On Delay Time	t _{d(on)}	V _{GS} =-10V V _{DS} =-15V R _L =0.75 ì R _{GEN} =3 ì		12.5		ns
Turn-On Rise Time	t _r			19		
Turn-Off Delay Time	t _{d(off)}			125		
Turn-Off Fall Time	t _f			67		

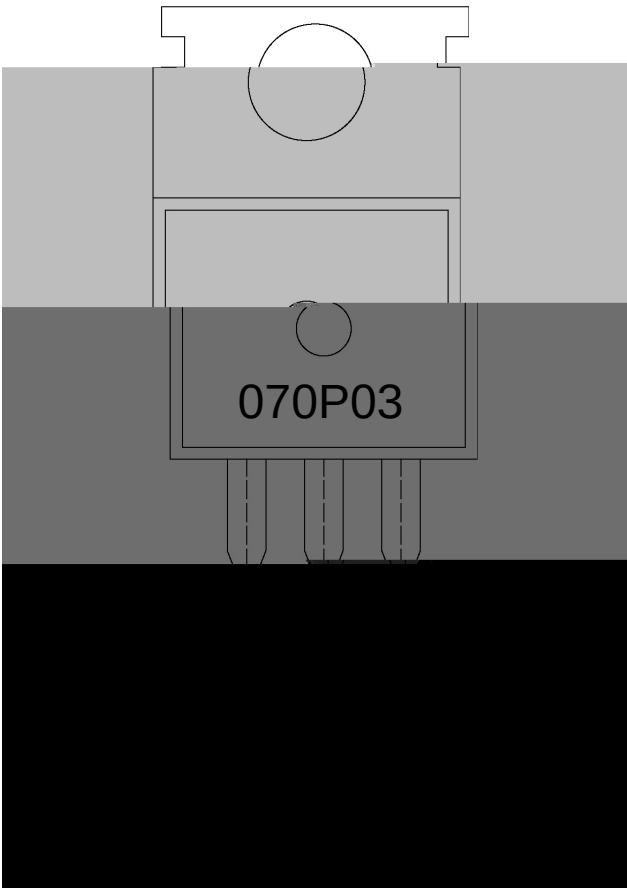
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Note:
BR: Company Code
070P03: Product Type Code
****: Lot No. Code, code change with Lot No

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- 1o• Ä ½ “† 25 ½150 - k ž • 60 ½90sec;
- 2o• Q > “† 255 r5 - k ž • 4 Ò 5 r0.5sec;
- 3o•D N ò i Ò 0 ,† 2 ½10 - /sec.

Note:

- 1.Preheating:25~150 - , Time:60~90sec.
- 2.Peak Temp.:255 r5 - , Duration:5 r0.5sec.
3. Cooling Speed: 2~10 - /sec.

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“† y 270 r5 - ž • y 10 r