

BRCS1C0P06MFQ

Rev.C Aug.-2025

SOT23-6 P

P- CHANNEL MOSFET in a SOT23 -6 Plastic Package.

$V_{DS}=-60V$; $I_D=-3A$

$R_{DS(on)1}@-10V$ 100m (Type.83m)

$R_{DS(on)2}@-4.5V$ 130m (Type.100m)

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DATA SHEET

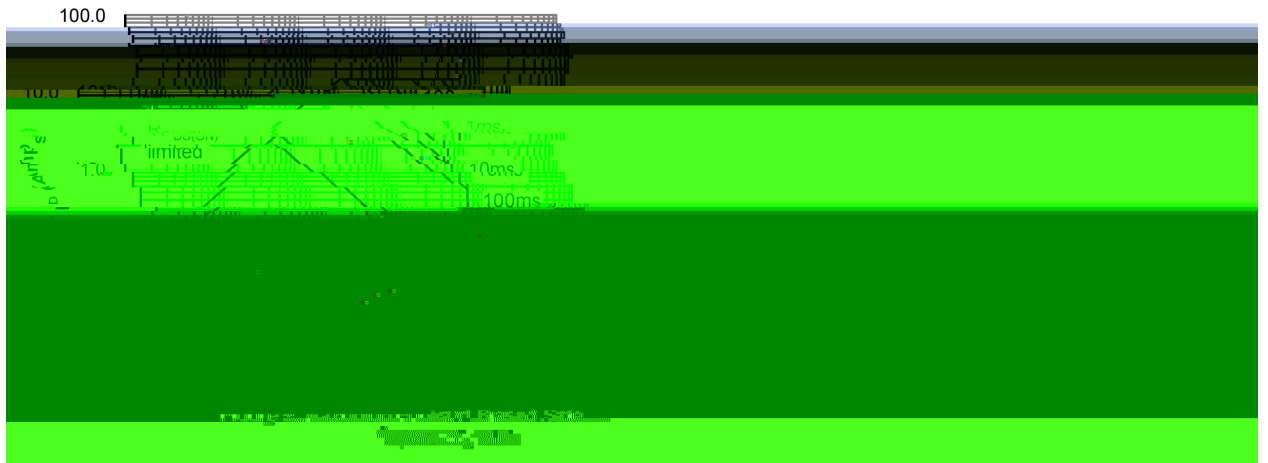
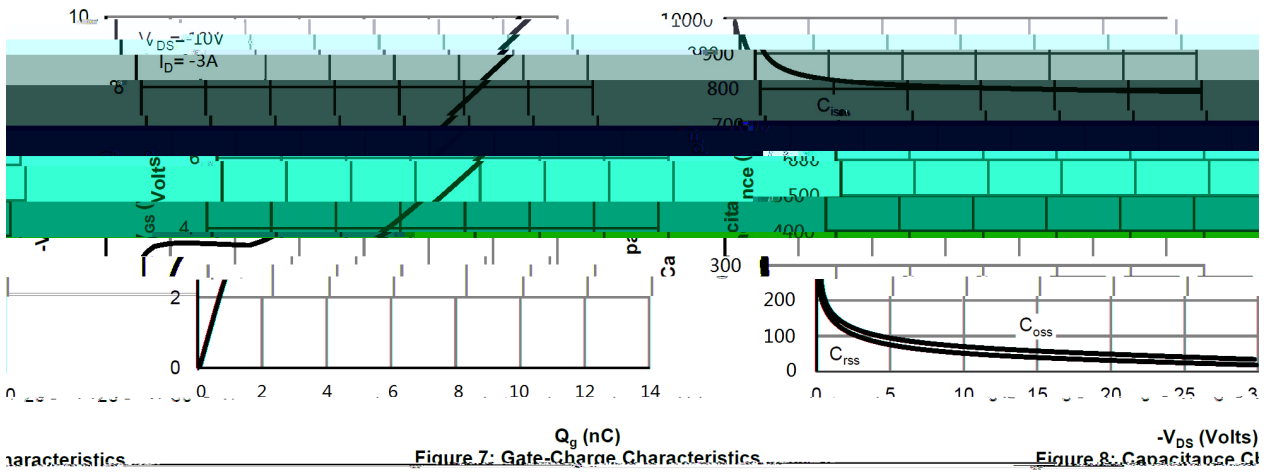
Parameter	Symbol	Rating	Unit
Drain–Source Voltage	V_{DSS}	-60	V
Gate–Body Leakage Voltage	V_{GSS}	± 20	V
Drain Current – Continuous	I_D	-3	A
Pulsed Drain Current	I_{DM}	-16	A
Power Dissipation	P_D	1.4	W
Operating and Storage Temperature Range Maximum Junction-to-Ambient	T_J, T_{STG} R	-55 150	

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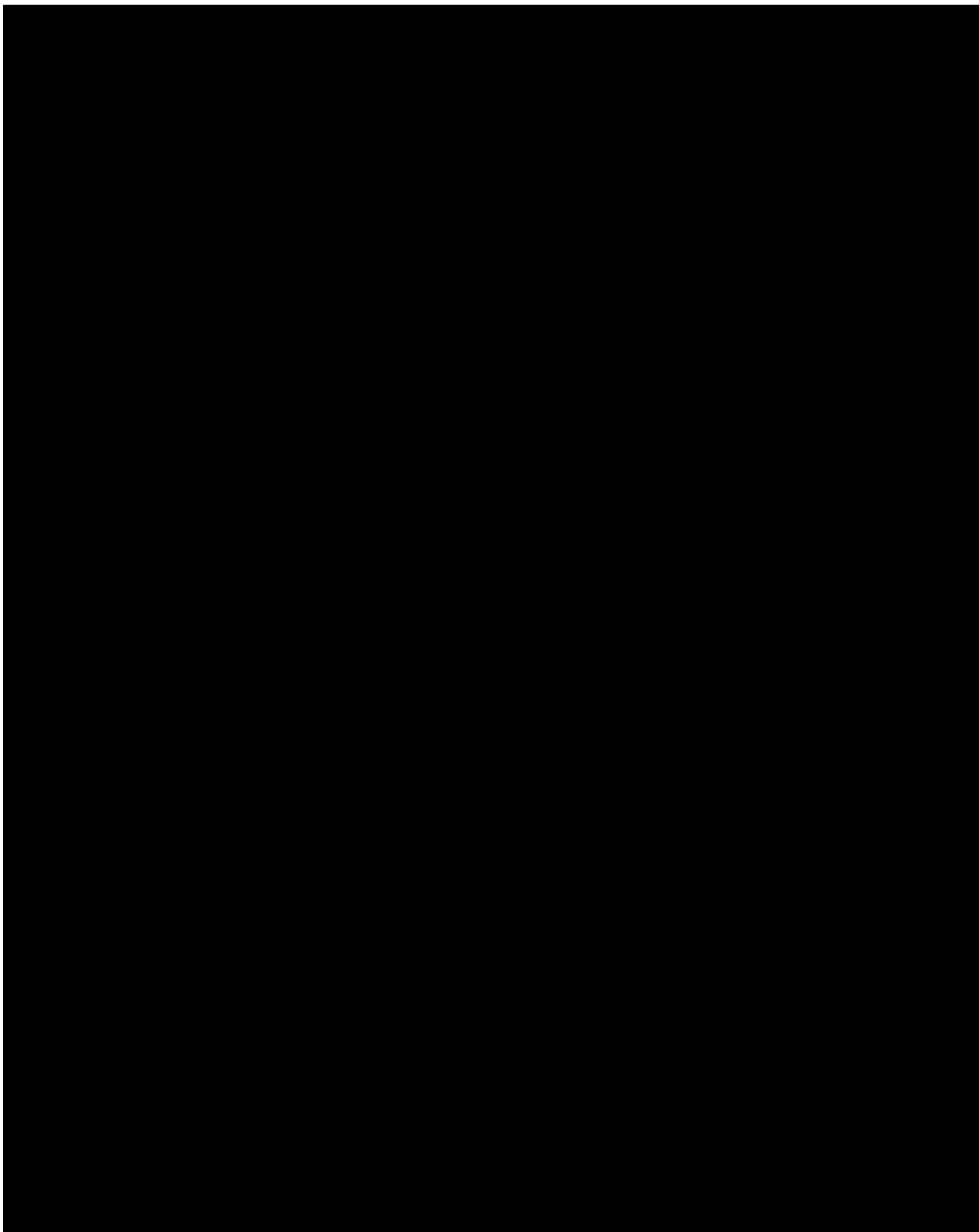
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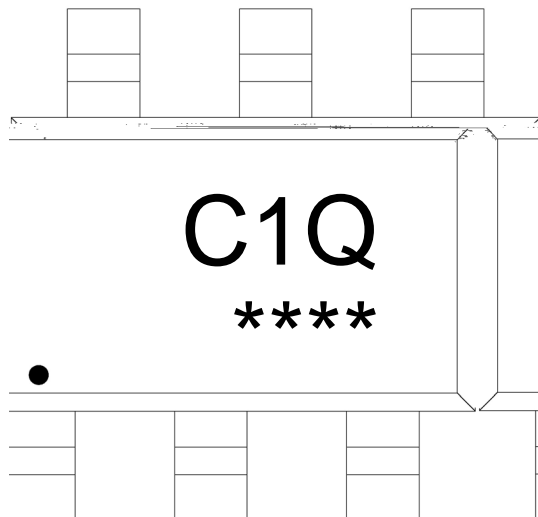
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



Q

C1:

****:

Note:

Q: Automobile halogen-free product Code

C1: Product Type Code

**** Lot No. Code, code change with Lot No.

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