

BRCS150P02MC

Rev.B Mar.-2023



DATA SHEET

SOT23-3 增强型 P 沟道 MOS 场效应管

S- CHANNEL MOSFET in a SOT23-3 Plastic Package.

$V_{DS} (V) = -20V$

$I_D = -7.0A$

$R_{DS(ON)}@-4.5V_{DS} 1Tf10.4988DS0 1Tf10.4988$

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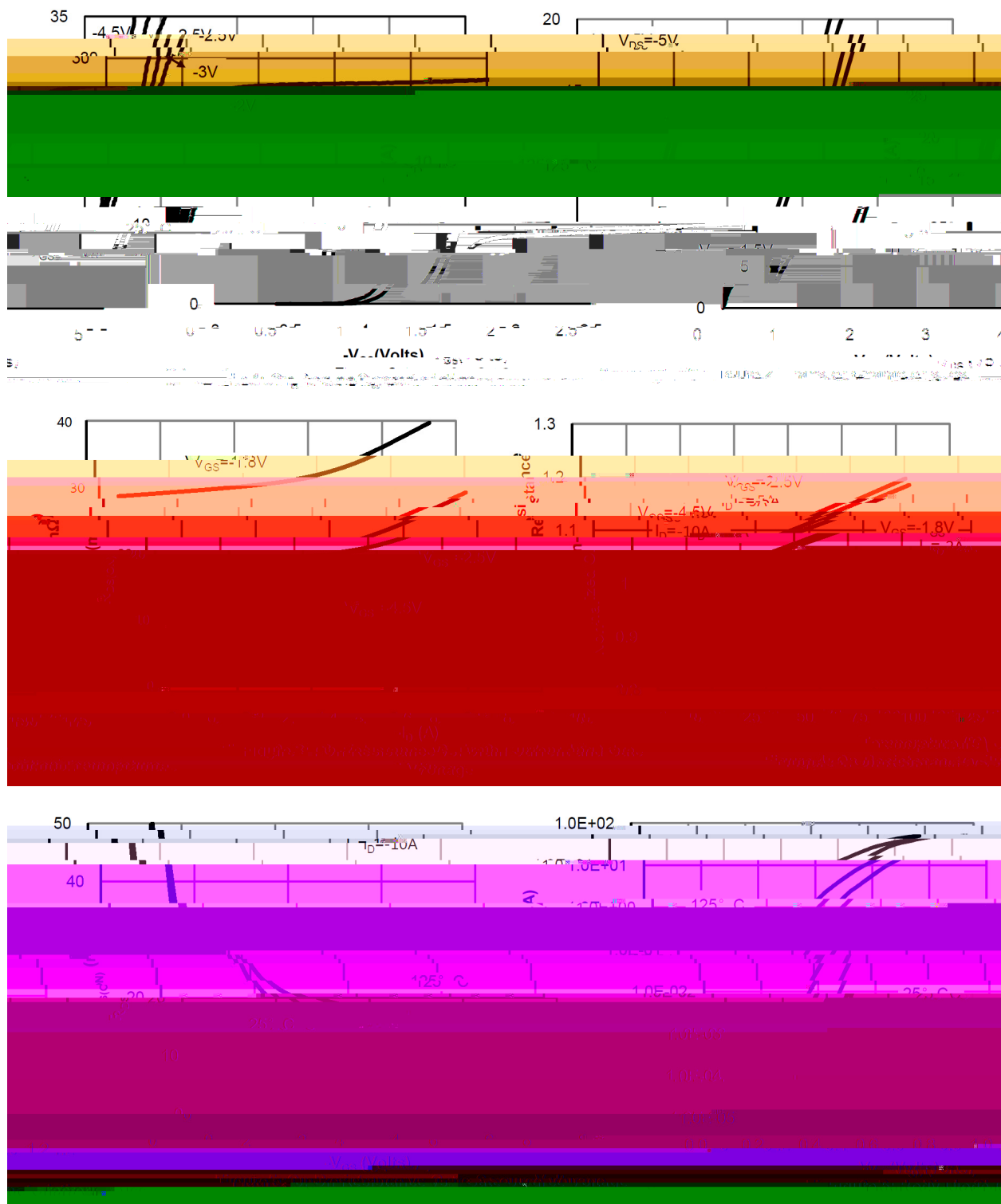


DATA SHEET

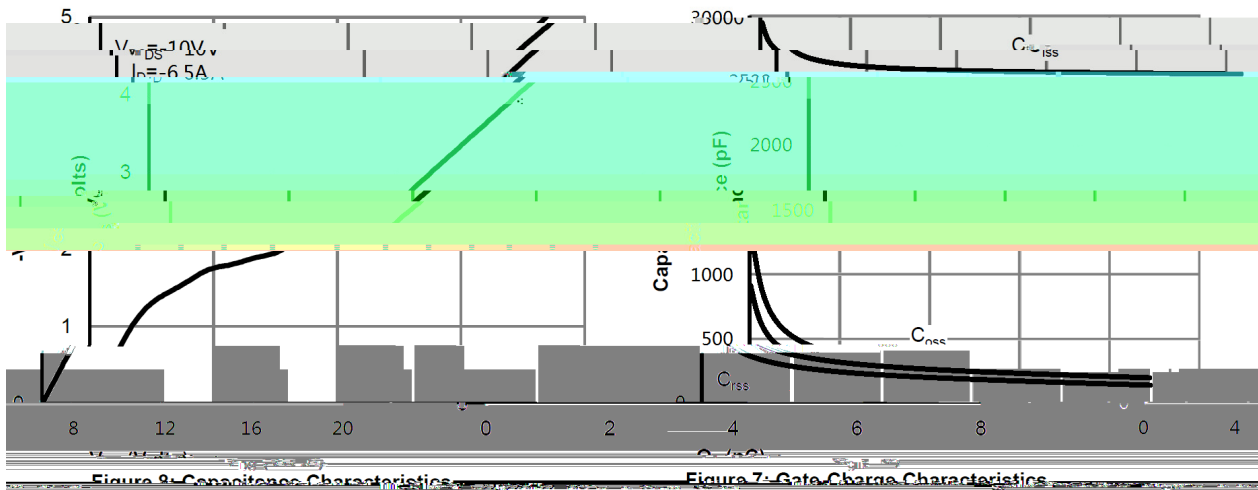
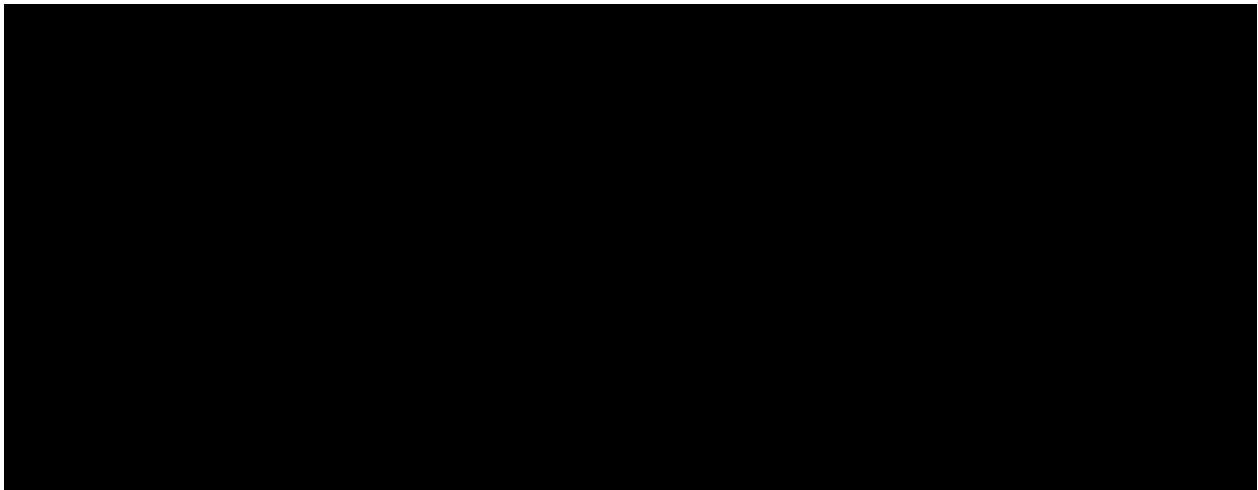
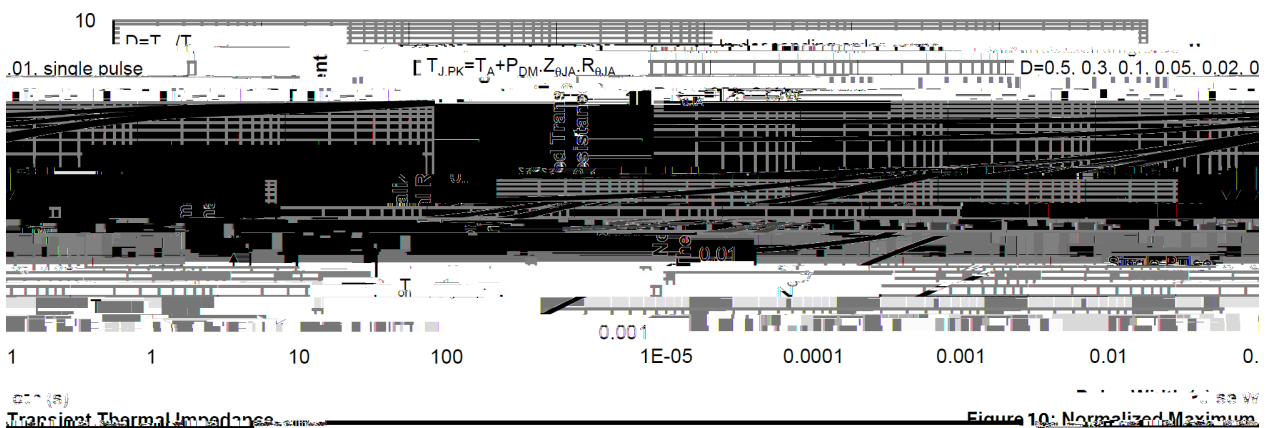
Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DS}	-20	V
Gate-Source Voltage	V_{GS}	± 12	V
Continuous Drain Current	I_D	7.0	A
Pulsed Drain Current	I_{DM}	38	A
Avalanche Current	I_{AS}	13	A
Avalanche energy L=0.5mH	E_{AS}	59	mJ

V_{DS}	I_D	f_{sw}	θ_{JA}
Parameter	Symbol	Test Conditions	Min

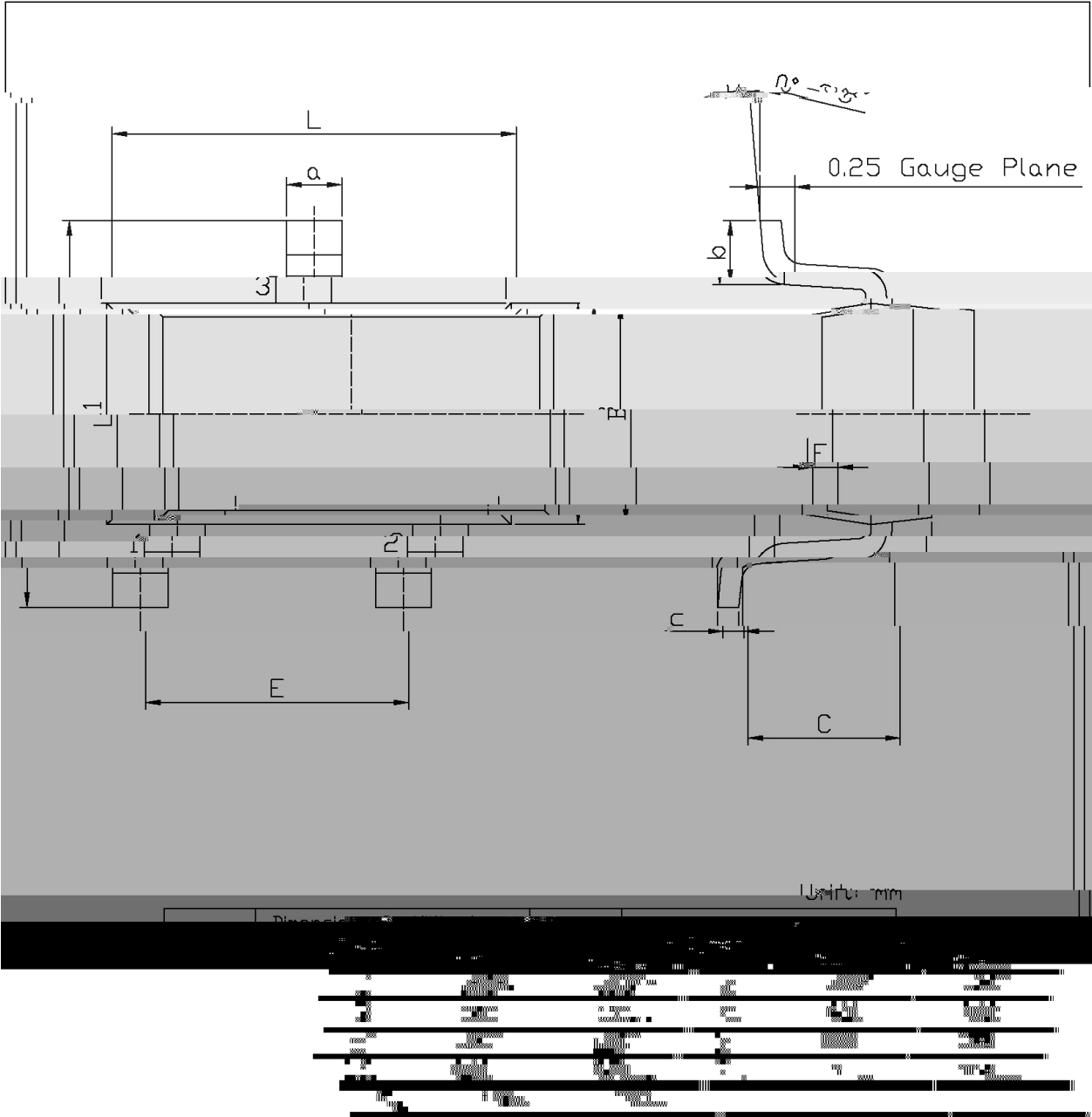
/ Electrical Characteristic Curve



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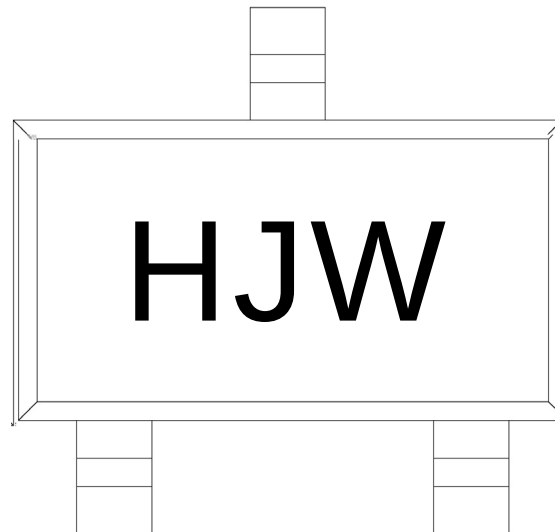


/ Package Dimensions



SC-231-2

/ Marking Instructions



H J W

H J W

J W

Note:

H: Company Code

JW: Product Type

