

BRCS150P02MC

Rev.B Mar.-2023



DATA SHEET

SOT23-3 P MOS

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

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

$I_D = -7.0A$

$R_{DS(ON)}@-4.5V$

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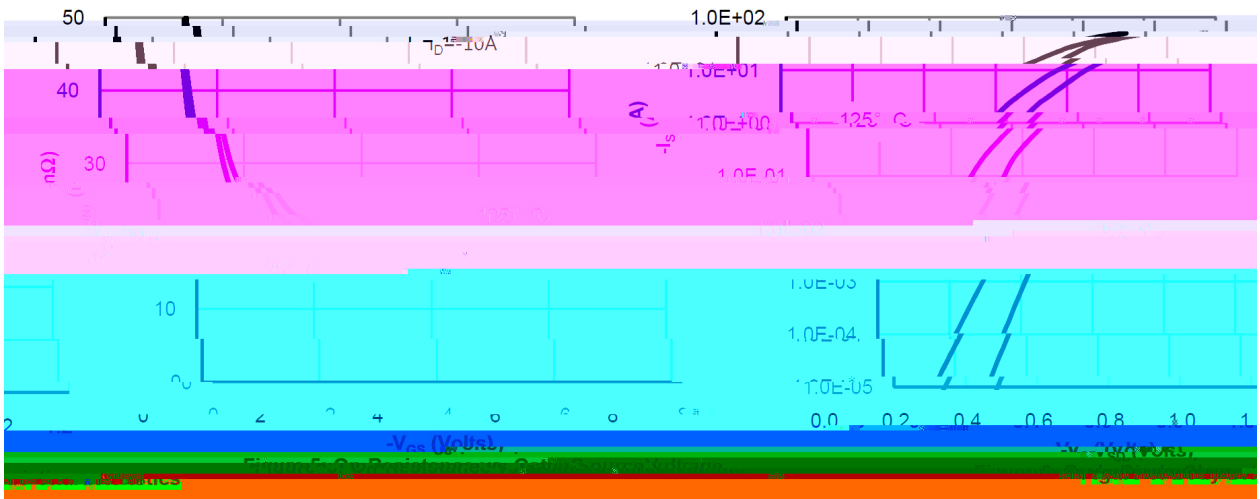
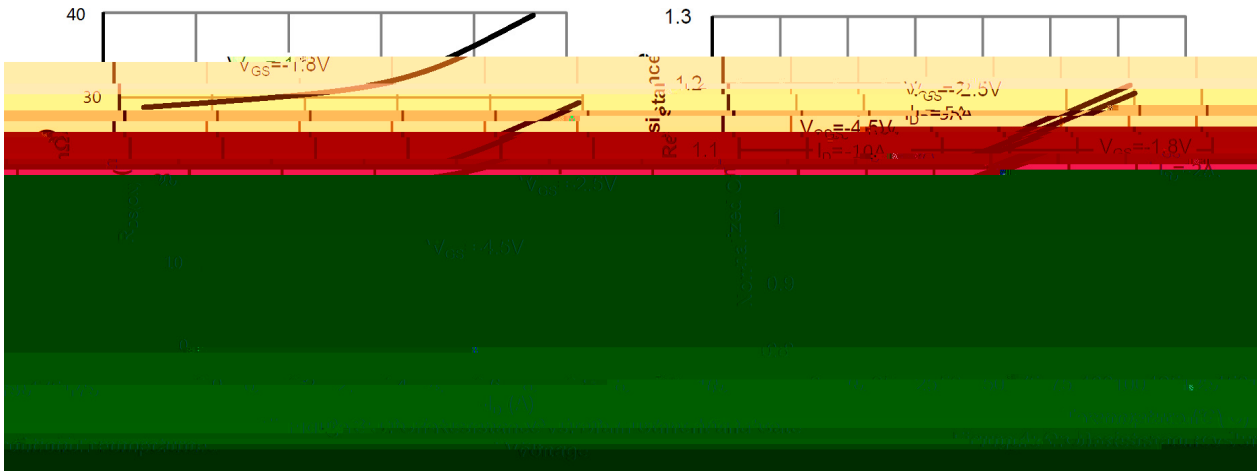
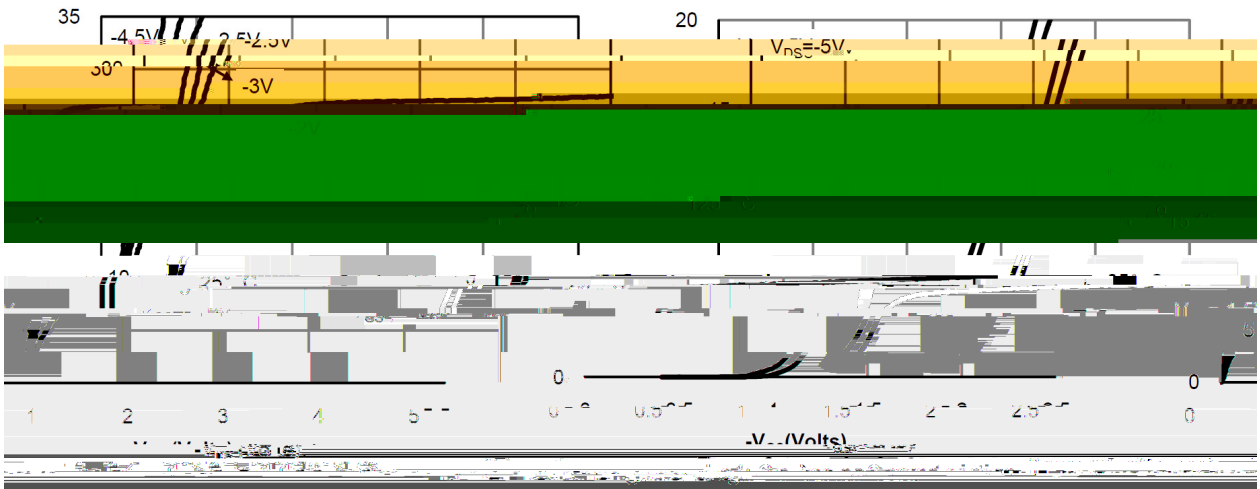


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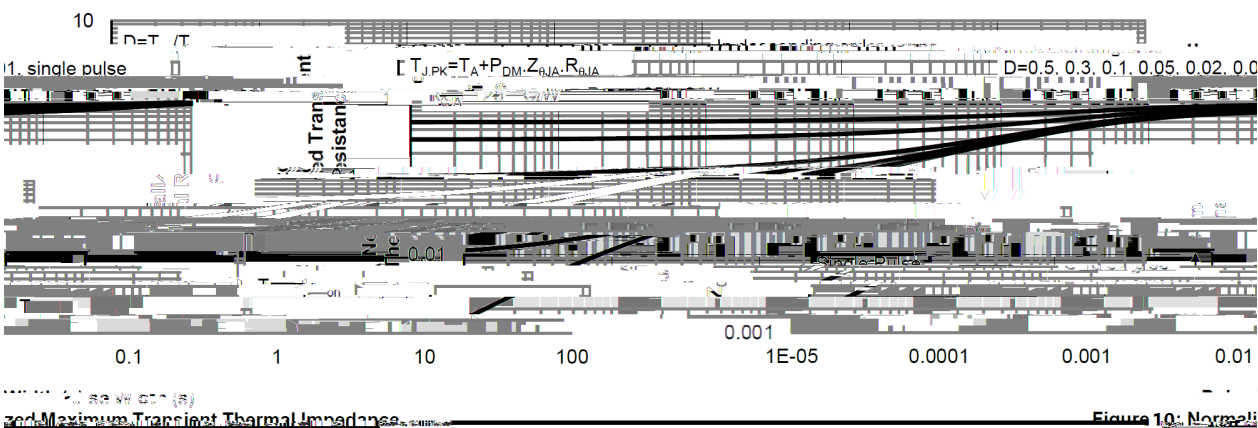
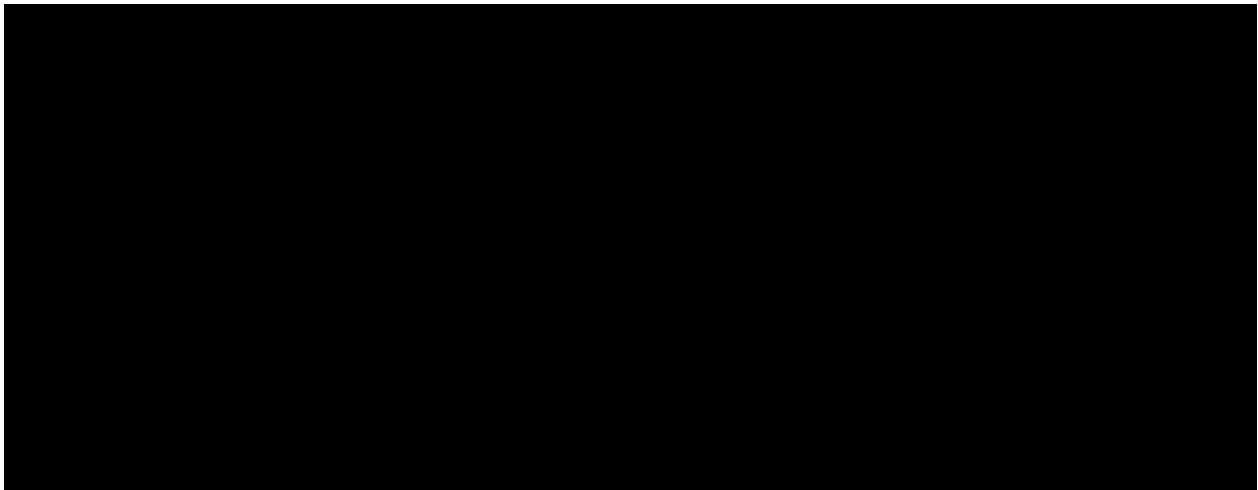
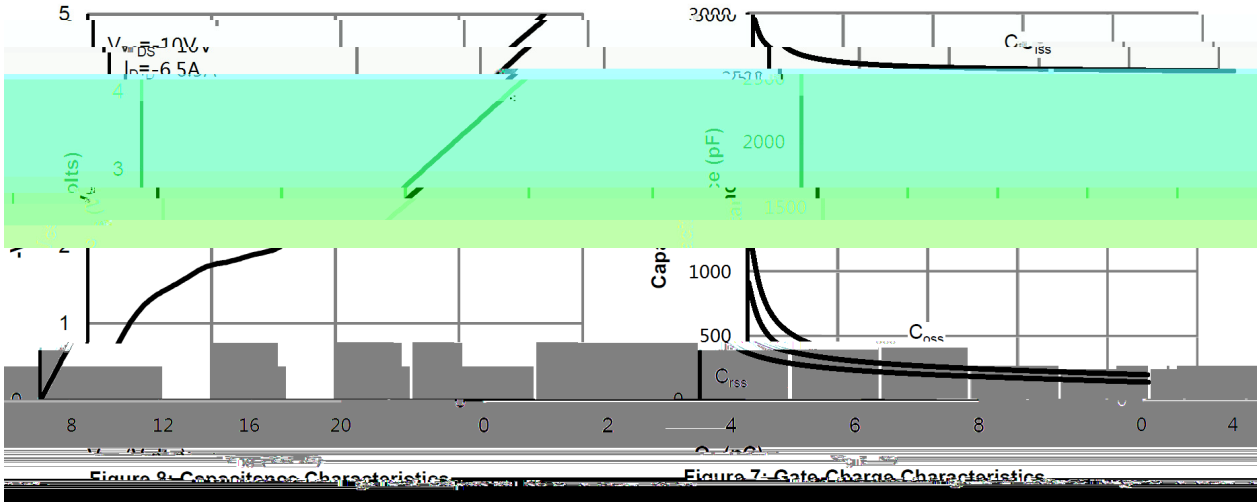
Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DS}	-20	V
Gate-Source Voltage	V_{GS}	± 12	V
Continuous Drain Current	I_D	7.0	A
Pulsed Drain Current	I_{DM}	38	A
Avalanche Current	I_{AS}	13	A
Avalanche energy L=0.5mH	E_{AS}	59	mJ

Parameter	Symbol	Test Conditions	Min
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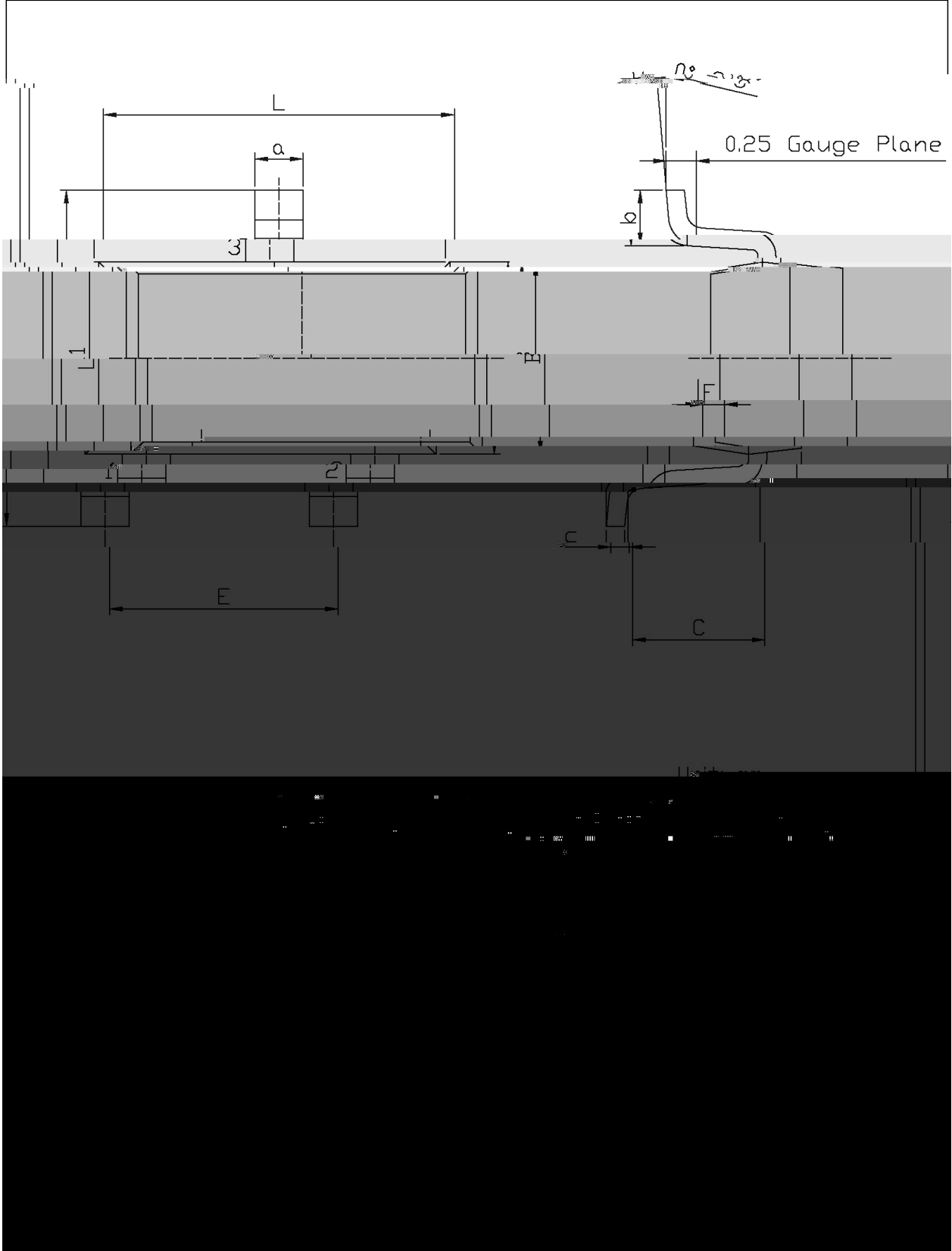
/ Electrical Characteristic Curve



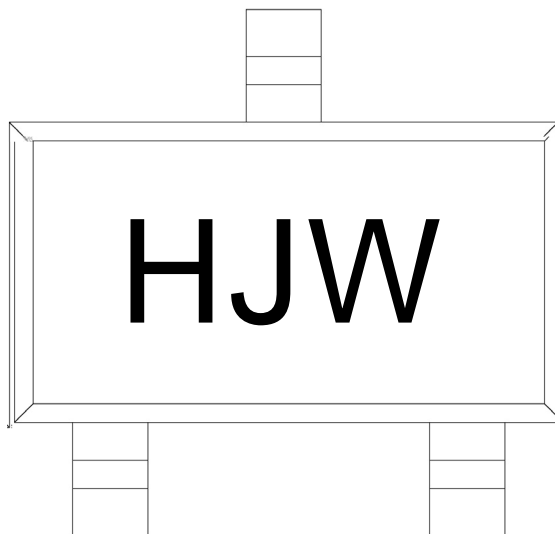
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



H

JW

Note:

H: Company Code

JW: Product Type

