

Rev.C Jun.-2022BR

S

BRCS2305MC

Rev.C Jun.-2022

Parameter	Symbol	Test Conditions	Min	Max	Unit
Turn-On Delay Time	$t_{d(on)}$	$V_{GS}=-4.5V$ V_{DS}			

/ Electrical Characteristic Curve

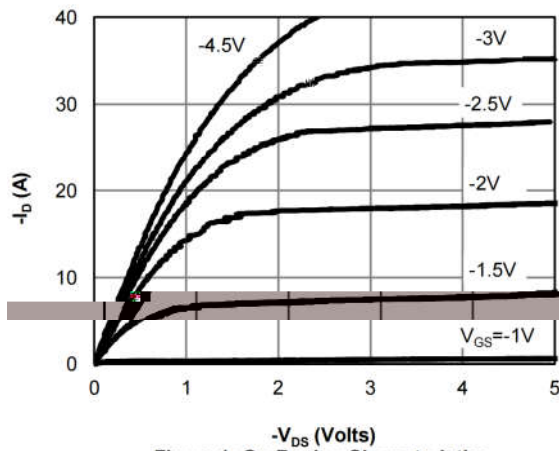


Figure 1: On-Region Characteristics

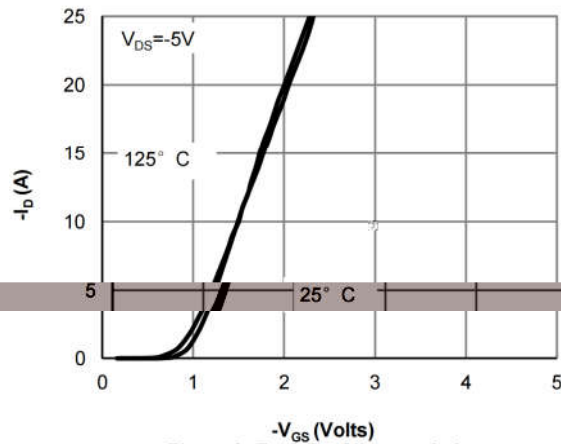


Figure 2: Transfer Characteristics

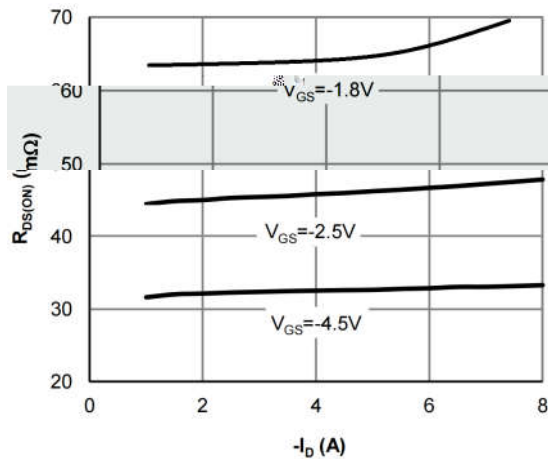


Figure 3: On-Resistance vs. Drain Current and Gate Voltage

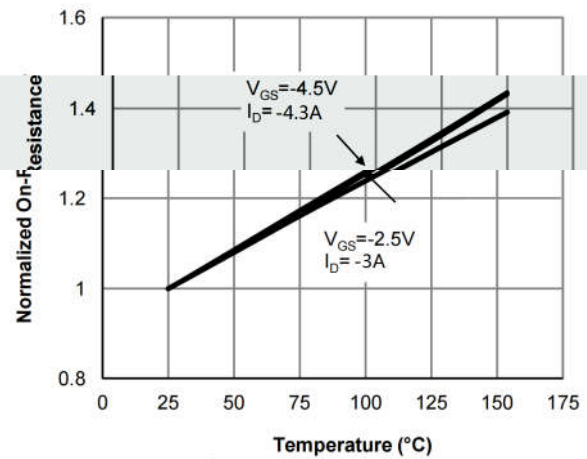


Figure 4: On-Resistance vs. Junction Temperature

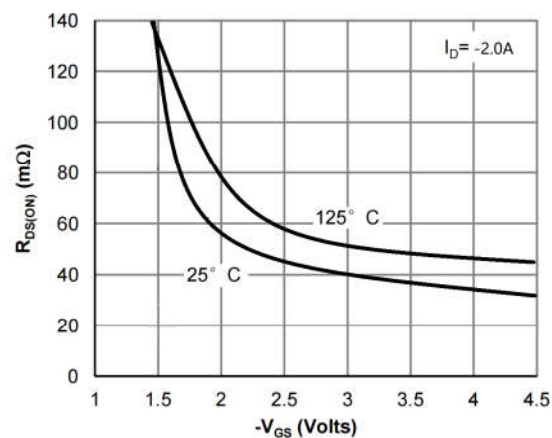


Figure 5: On-Resistance vs. Gate-Source Voltage

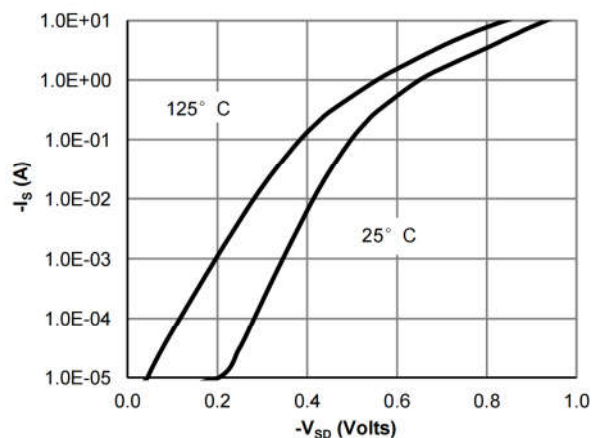
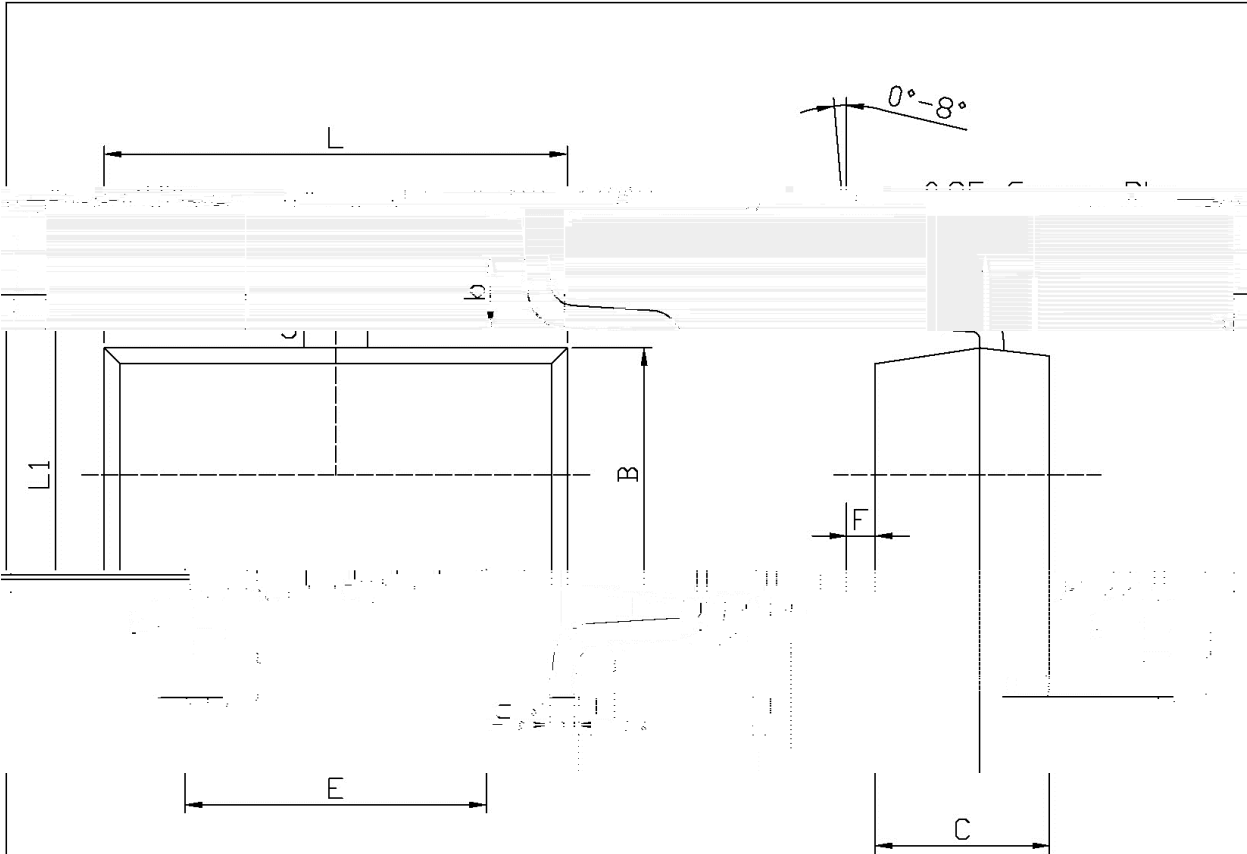


Figure 6: Body-Diode Characteristics

/	Electrical Ch	il	t	c
---	---------------	----	---	---

/ Package Dimensions

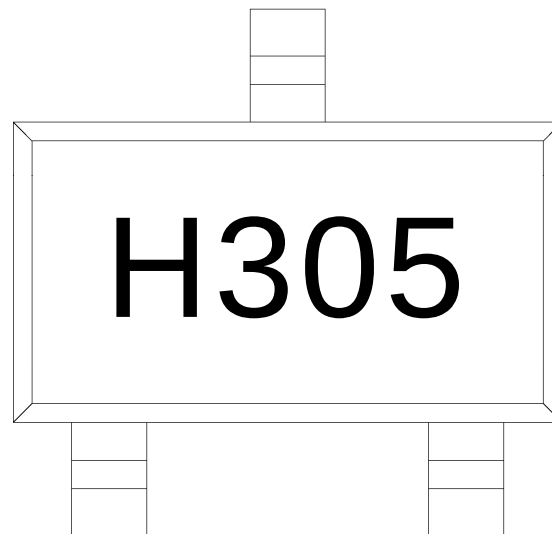


Unit: mm

Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max
L	2.82	3.02	a	0.35	0.50
B	1.50	1.70	c	0.10	0.20
C	0.90	1.30	b	0.35	0.55
L1	2.60	3.00	F	0	0.15

SOT23-3

/ Marking Instructions



H:

305:

Note:

H: Company Code.

305 Product Type

BRCS2305MC

Rev.C Jun.-2022

DATA SHEET