

BR4953

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DS}	-30	V
Gate-Source Voltage	V_{GS}	± 20	V

/ Electrical Characteristics(Ta=25)

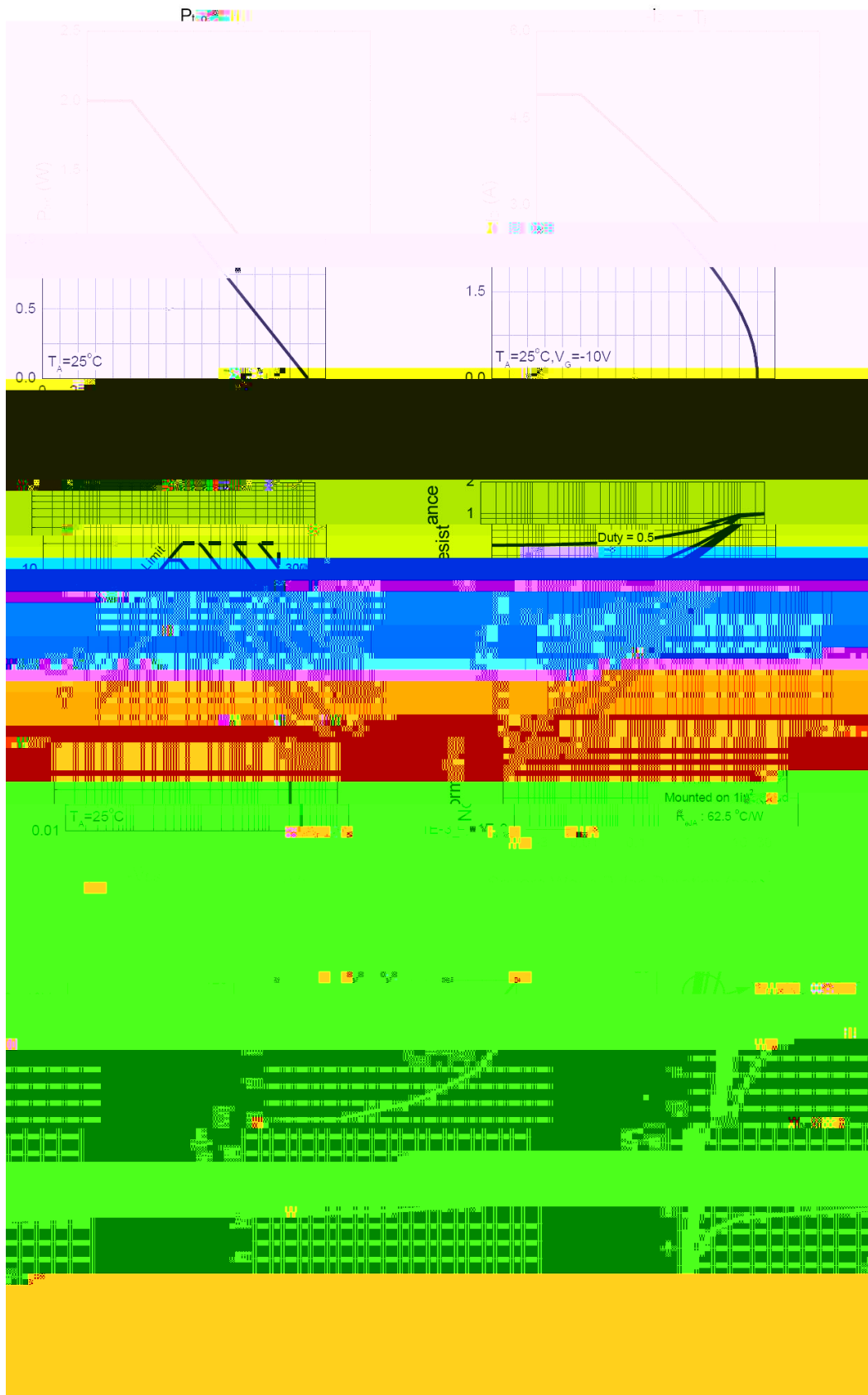
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Gate Resistance	R_G^b	$V_{GS}=0V$ $V_{DS}=0V$ $F=1MHz$		11		Ω
Input Capacitance	C_{iss}^b	$V_{GS}=0V$ $V_{DS}=-25V$ Frequency=1.0MHz		550		pF
Output Capacitance	C_{oss}^b			60		
Reverse Transfer Capacitance	C_{rss}^b			52		
Turn-on Delay Time	$t_{d(ON)}^b$	$V_{DD}=-15V$ $R_L=15$ $I_{DS}=-1A$ $V_{GEN}=-10V$ $R_G=6$		10	18	ns
Turn-on Rise Time	T_r^b			15	20	
Turn-off Delay Time	$T_{d(OFF)}^b$			22	38	
Turn-off Fall Time	T_f^b			15	25	

Notes:

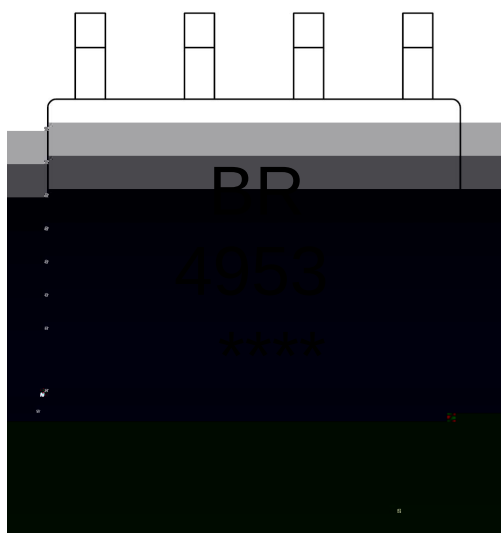
a : Pulse test ; pulse width 300 μ s, duty cycle 2%.

b : Guaranteed by design, not subject to production testing.

/ Electrical Characteristic Curve



/ Marking Instructions



BR

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Note:

BR: Company Code.

4953: Product Type Code

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

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Rev.J Aug.-2026



DATA SHEET

<6f9d0bc408bd00810686> /TT2 1 Tf .85.2535 TD 0 -63 066 1 T150492 0 0942.72 145.35 TD 0 02.2(<03bd> /TT2