

BR4953
Rev.I Jan.-2019

/ Electrical Characteristics(Ta=25)

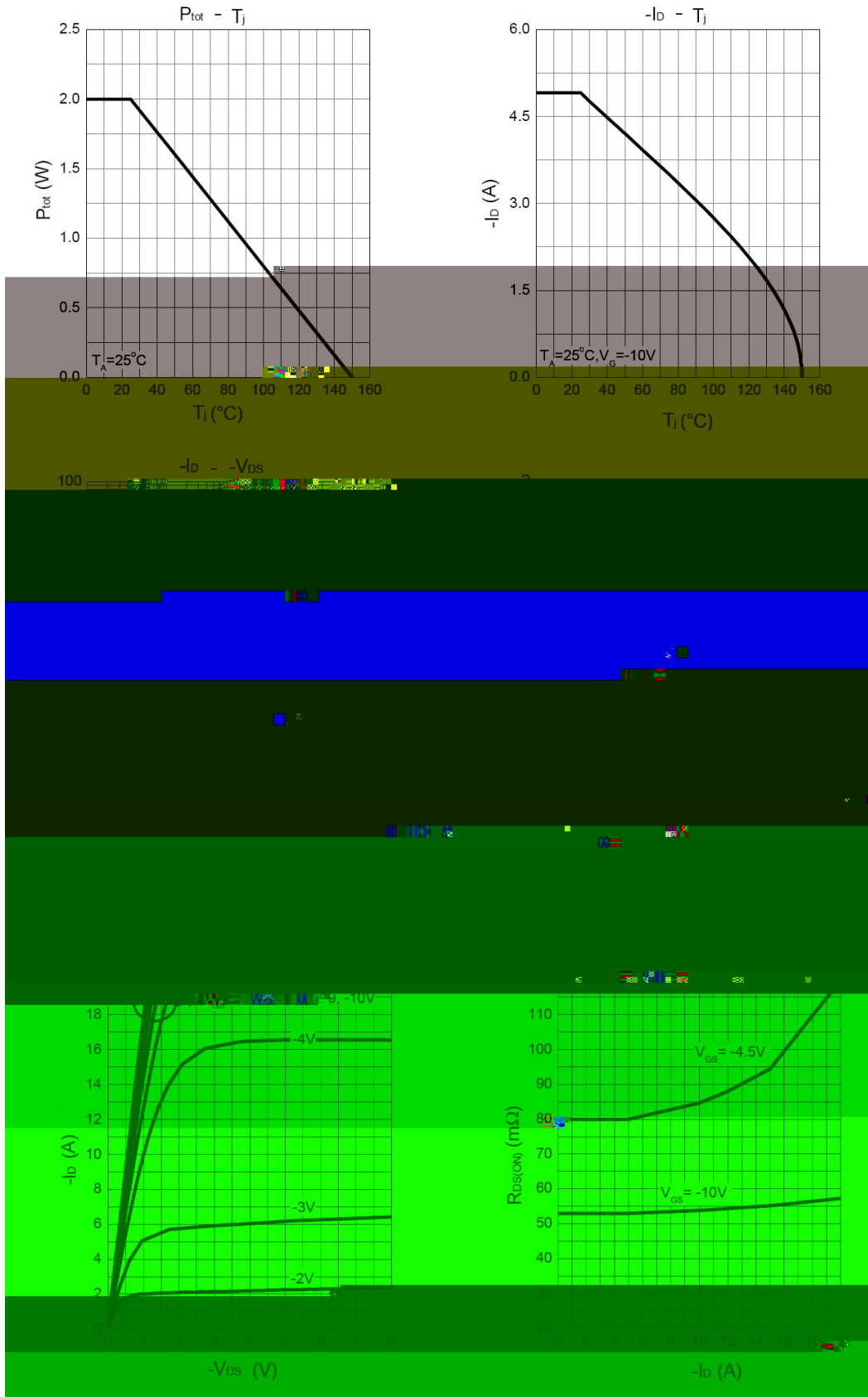
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Gate Resistance	R_G^b	$V_{GS}=0V$ $V_{DS}=0V$ $F=1MHz$		11		
Input Capacitance	C_{iss}^b	$V_{GS}=0V$ $V_{DS}=-25V$ Frequency=1.0MHz		1260		pF
Output Capacitance	C_{oss}^b			400		
Reverse Transfer Capacitance	C_{rss}^b			220		
Turn-on Delay Time	$t_{d(ON)}^b$	$V_{DD}=-15V$ $R_L=15\Omega$ $I_{DS}=-1A$ $V_{GEN}=-10V$ $R_G=6\Omega$		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:

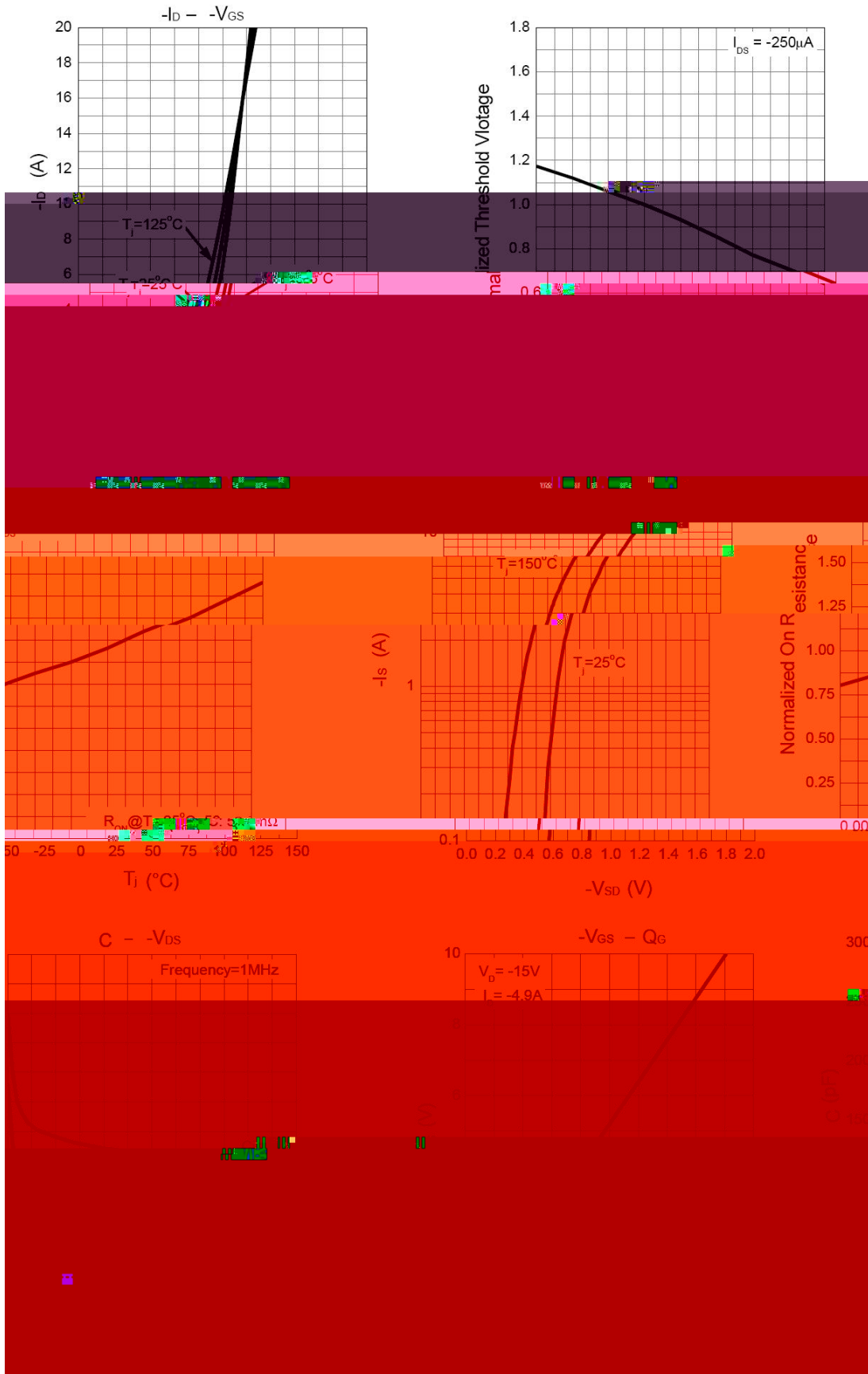
a : Pulse test ; pulse width $\leq 300\mu s$, duty cycle $\leq 2\%$.

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

/ Electrical Characteristic Curve

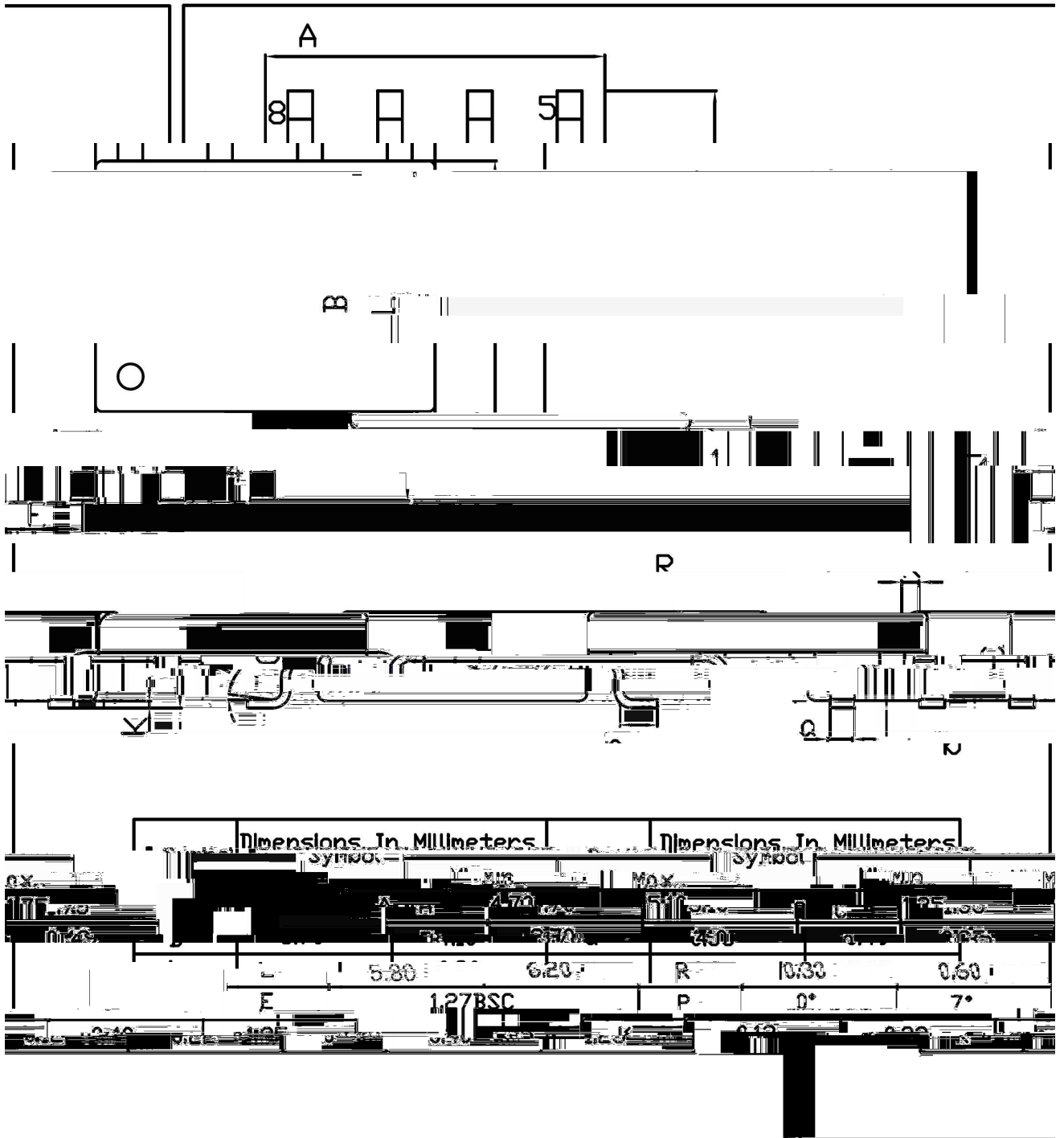


/ Electrical Characteristic Curve

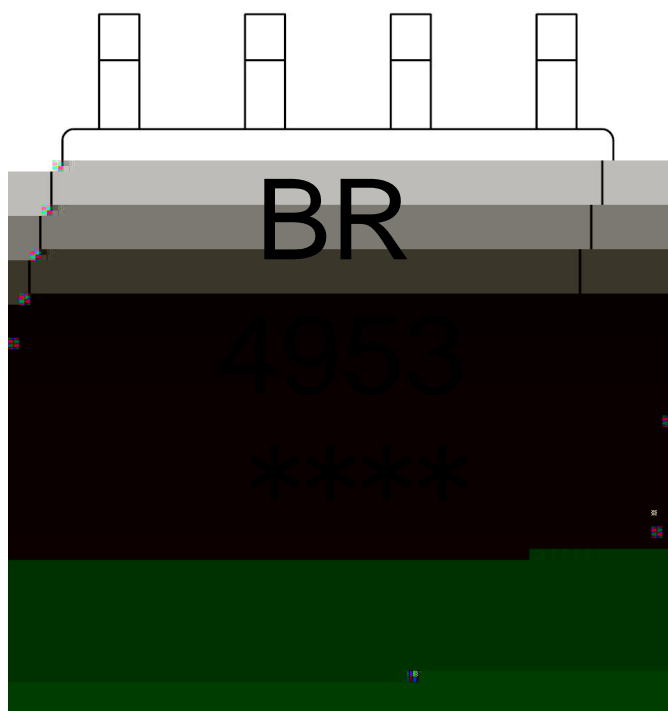


/ Package Dimensions

尺寸图 SLP-8



/ Marking Instructions



BR

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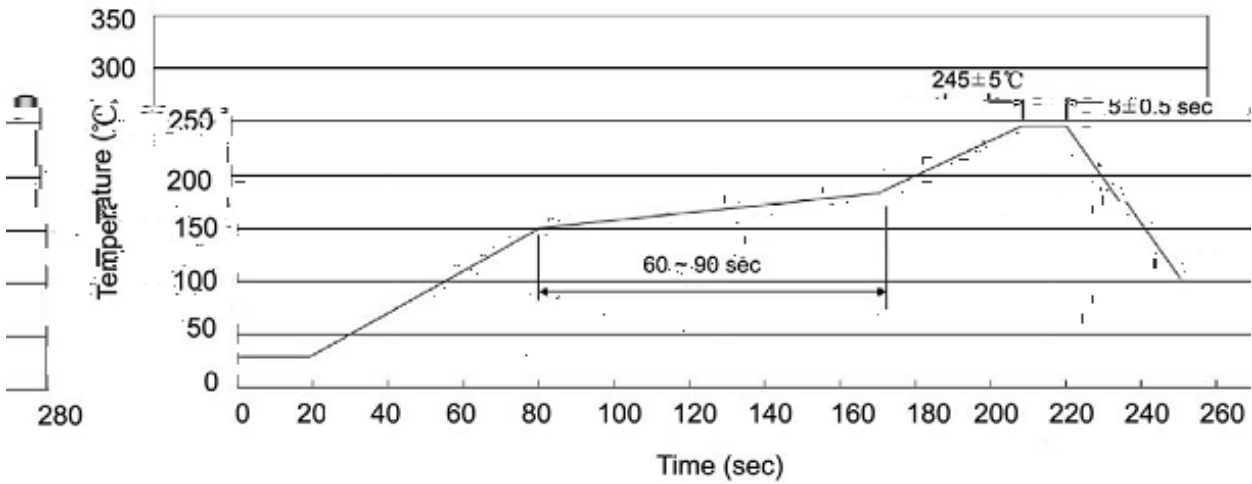
Note:

BR: Company Code.

4953: Product Type

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

() / Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- | | | | | | |
|---|--------|-----|------------|----------|-------------------------------------------|
| 1 | 150 | 180 | 60 | 90sec; | 1.Preheating:150~180 , Time:60~90sec. |
| 2 | 245..5 | | 5..0.5sec; | | 2.Peak Temp.:245..5 , Duration:5..0.5sec. |
| 3 | | | 2 | 10 /sec. | 3. Cooling Speed: 2~10 /sec. |

/ Resistance to Soldering Heat Test Conditions

260..5 10..1 sec. Temp.:260±5 Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box 盒	Outer Box 箱
SOP/ESOP-8	4,000	2	8,000	6	48,000	13" ×12	360×360×50	380×335×366

/ Notices