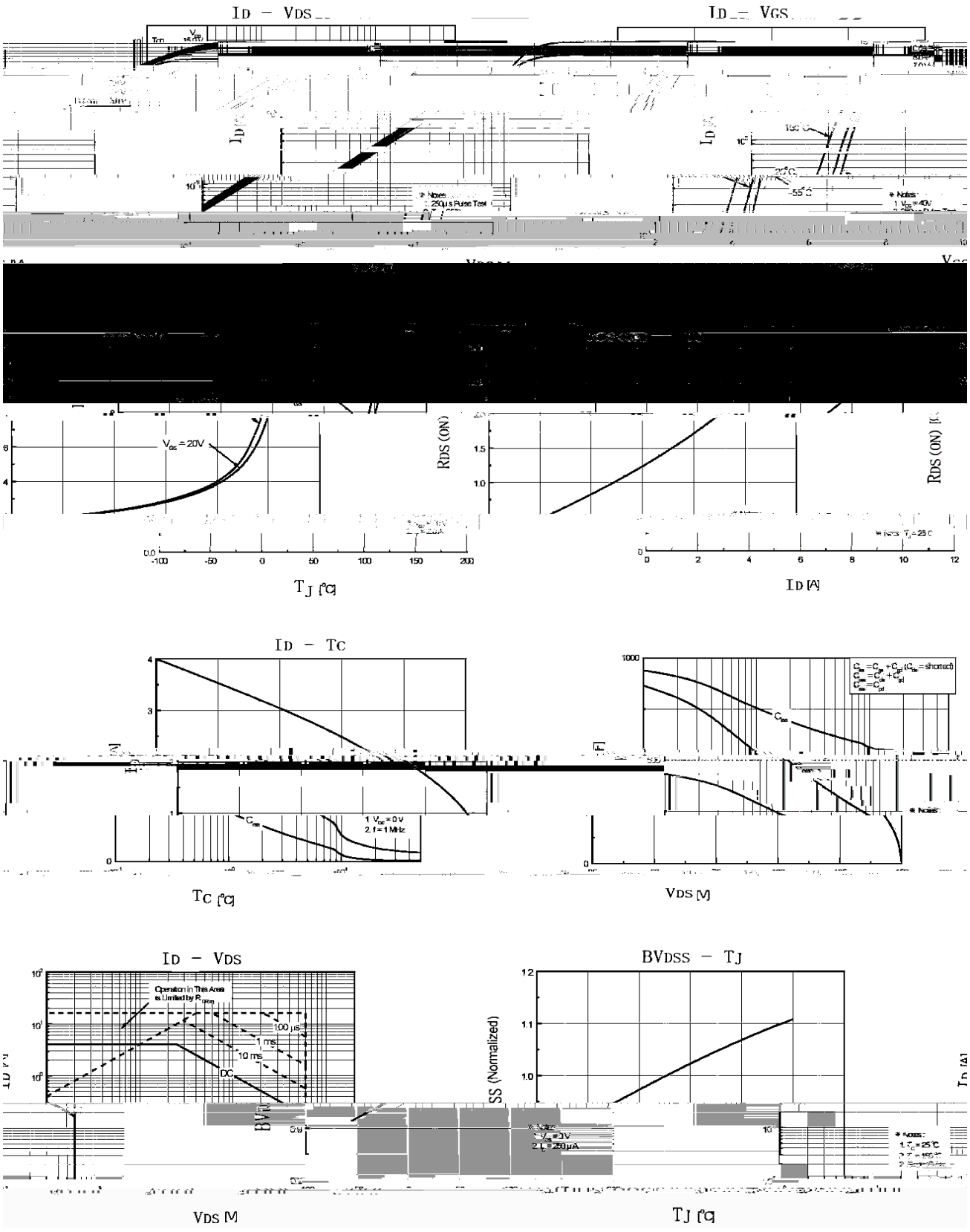
TO-251 ḾḾḃ N

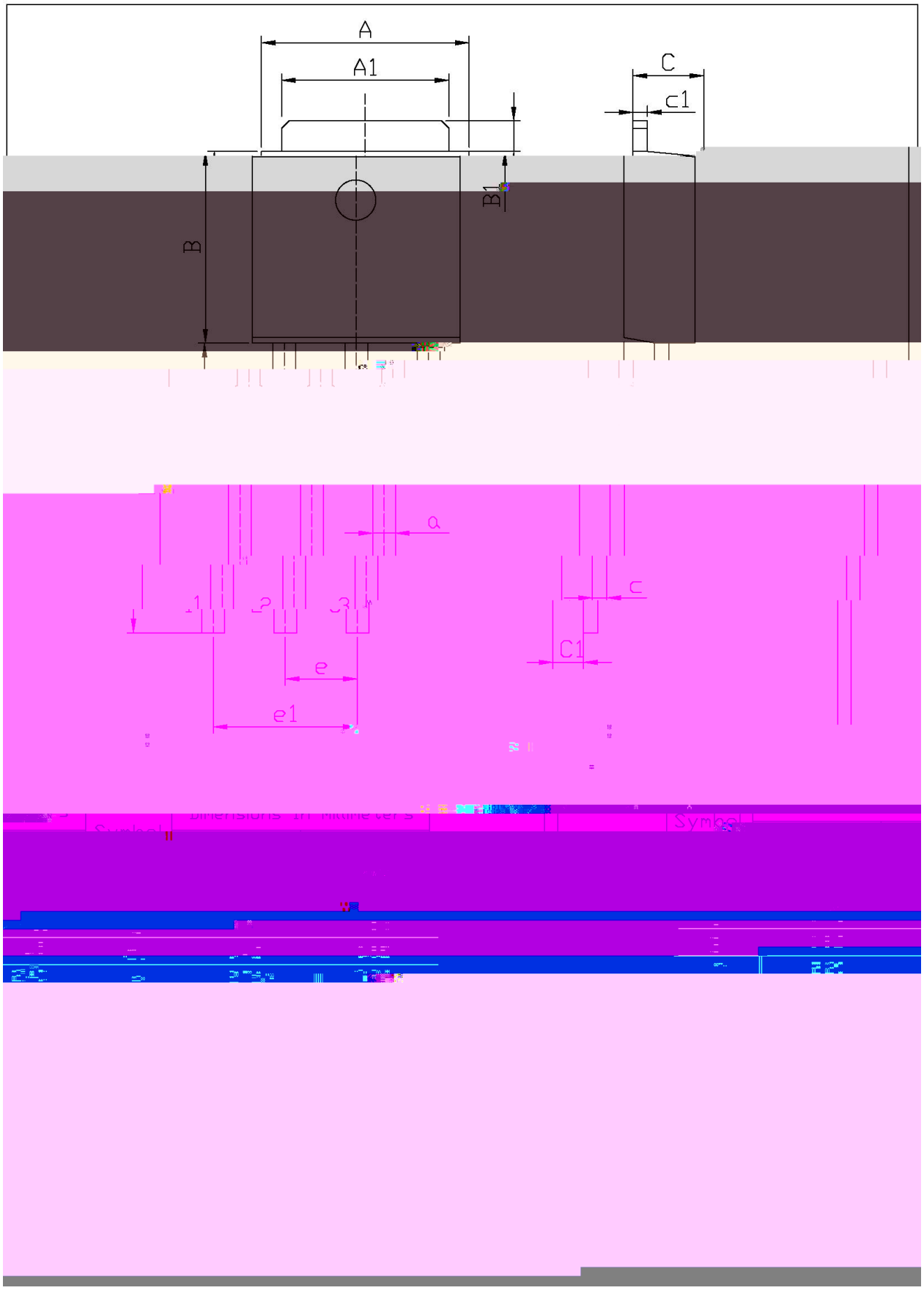
v ˝Ω Parameter	ч N Symbol	˝Ω Ö Rating	D Ч Unit
Drain-Source Voltage	V_{DSS}	650	V
Drain Current	I_D(Tc=25)	4.0	A
Drain Current	I_D(Tc=100)	2.5	A
Drain Current - Pulsed	I_{DM}	16	A
Gate-Source Voltage	V_{GSS}	±20	V
Single Pulsed Avalanche Energy	E_{AS}	240	mJ
Repetitive Avalanche Energy	E_{AR}	10	mJ
Avalanche Current	I_{AR}	4.0	A
Power Dissipation	P_D(Tc=25)	33	W
Operating and Storage Temperature Range	T_J,T_{STG}	-55 to 150	

v ˝Ω

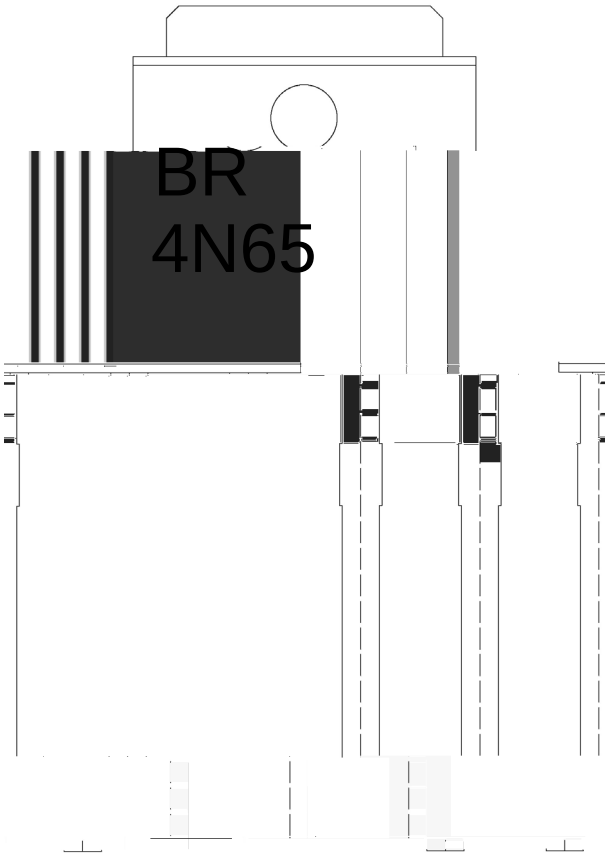
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions

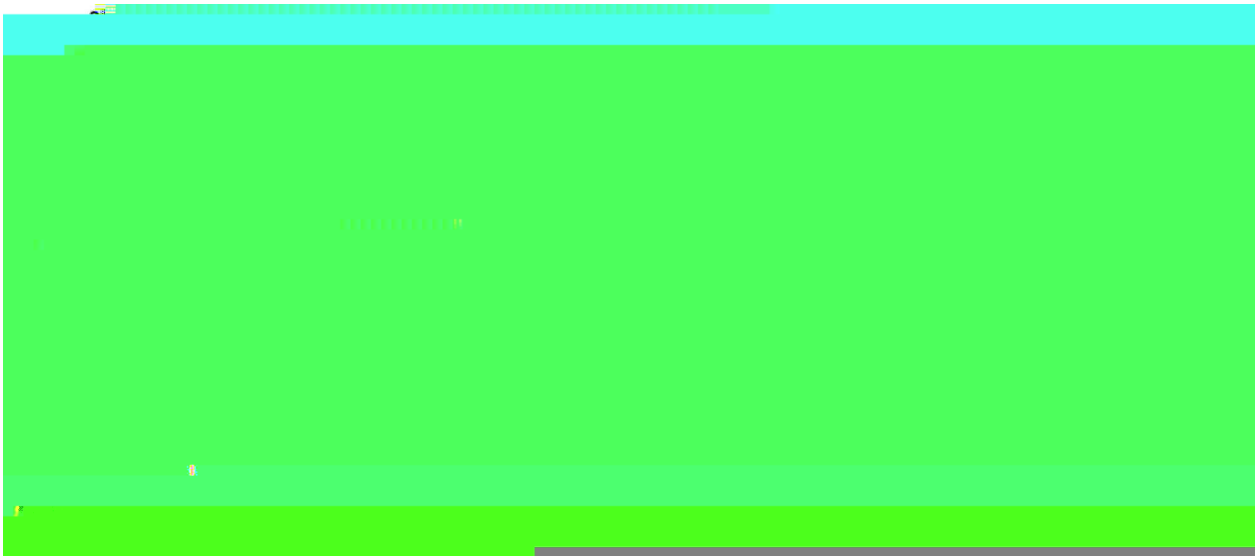


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BR χ	ꟻꟻ ϛ ᴎ ᒣ
7Q98 χ	ꟻꟻ ȝ ᴺ ᒣ
---- χ	ꟻꟻ ꞁ ꞩ ᾐ ᴺ ᒣ ꞁ ₹ ꞁ ꞩ ᾐ ᴺ Ψ ᖘ

Note:

BR:	Company Code
4N65:	Product Type.
****:	Lot No. Code, code change with Lot No.

( ) / Temperature Profile for Dip Soldering(Pb-Free)



ب ˝ χ

1 Ĺ ♬ □ ỷ 25 Ḱ 150 ɬ ı ˋH ڑ 60 Ḱ 90sec;

2 Š Ө □ ỷ 255 ° 5 ɬ ı ˋH ڑ ˋY ﾊ ㎞ 5 ° 0.5sec;

3 ì ˙ ﾘ ˛ ɔ ෯ ỷ ㎞ 2 Ḱ 10 ɬ /sec.

Note:

1.Preheating:25~150 ɬ , Time:60~90sec.

2.Peak Temp.:255 ° 5 ɬ , Duration:5 ° 0.5sec.

3. Cooling Speed: 2~10 ɬ /sec.

/ Resistance to Soldering Heat Test Conditions

□ ỷ χ 270 ° 5 ɬ ˋH ڑ χ 10 ° 1 sec. Temp.:270±5 Time:10±1 sec

/ Packaging SPEC.

ˈ Ω ţ ﾔ Ь / BULK

Package Type	Units					Dimension		(unit mm^3)

˛ ﾘ ﾔ Ь / TUBE

Package Type	Units	Dimension	(unit