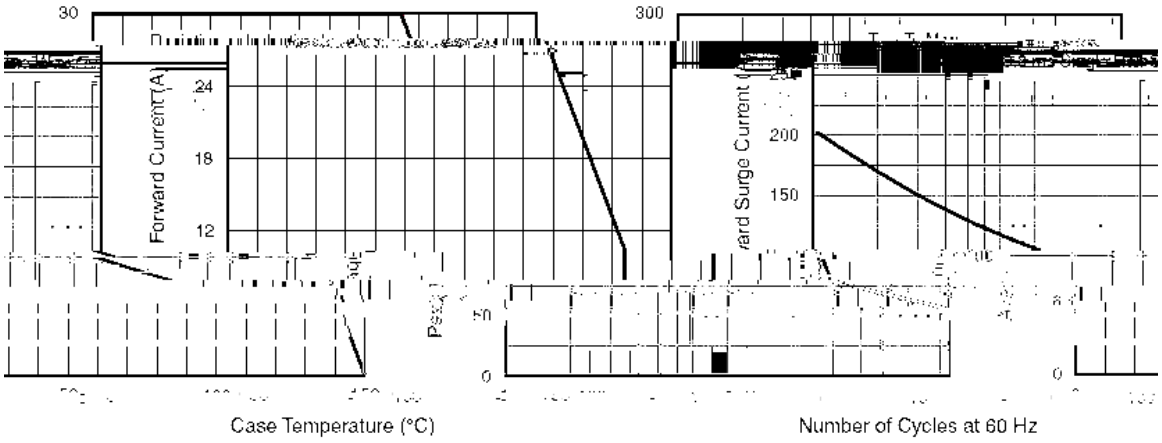
/ Absolute Maximum Ratings(Ta=25)

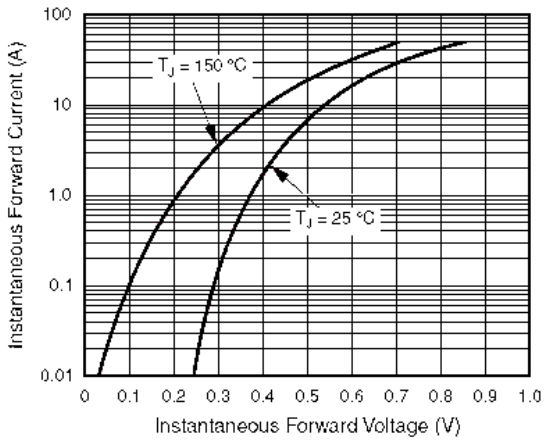
v ̈Ω̣ Parameter	ɿ N Symbol	̈Ω̣Ö Rating	D Ɉ Unit
Peak Repetitive Reverse Voltage	V_{RRM}	45	V
Peak Repetitive Forward Current	$I_{F(AV)}$	15	A
	$I_{F(AV)}$ total device	30	A
Non-Repetitive Peak Forward Surge Current	I_{FSM}	200	A
Repetitive Peak Reverse Surge Current	I_{RRM}	2.0	A
Thermal Resistance Junction to Case	$R_{\theta Jc}$	1.5	/W
Junction Temperature Range	T_j	150	
Storage Temperature Range	T_{stg}	-65 150	

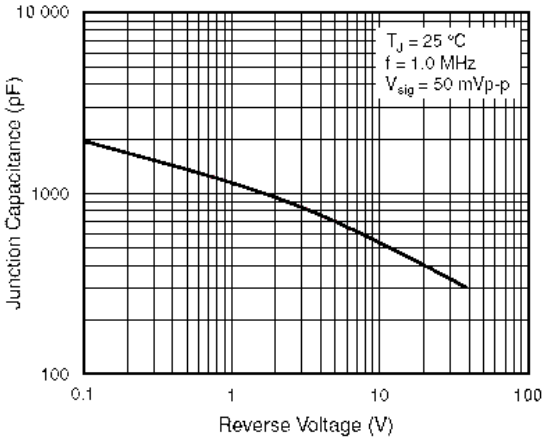
/ Electrical Characteristics(Ta=25)

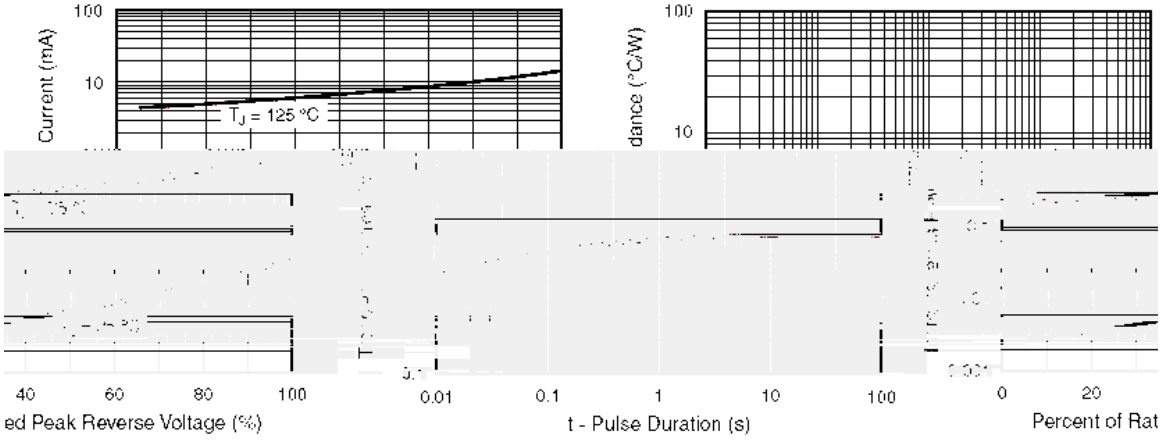
v ̈Ω̣ Parameter	ɿ N Symbol	⊥⊥ ;ǀ ʈ Test Conditions	ω̣ ṇ Ö Min	Ɛ ʒ Ö Typ	ω̣ ʑ Ö Max	D Ɉ Unit
Forward Voltage	V_F	I_F=30A(Tc=25)			0.76	V
		I_F=20A(Tc=125)			0.60	V
		I_F=30A(Tc=125)			0.72	V
Instantaneous Reverse Current	I_R	T_J=25			1.0	mA
		T_J=125			60	mA
Voltage Rate of Change	dv/dt				10000	V/μs

/ Electrical Characteristic Curve

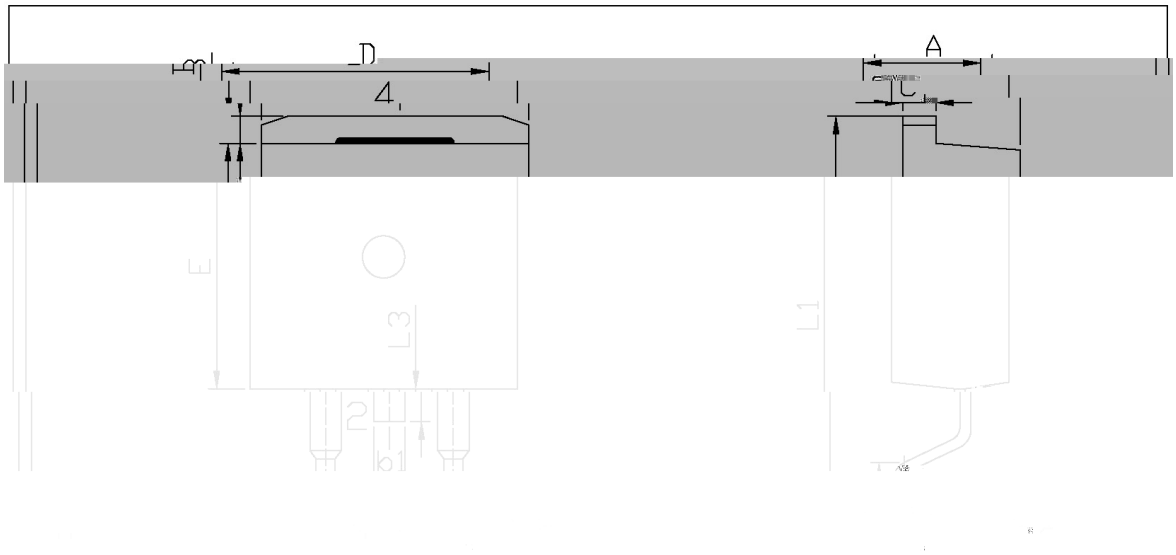


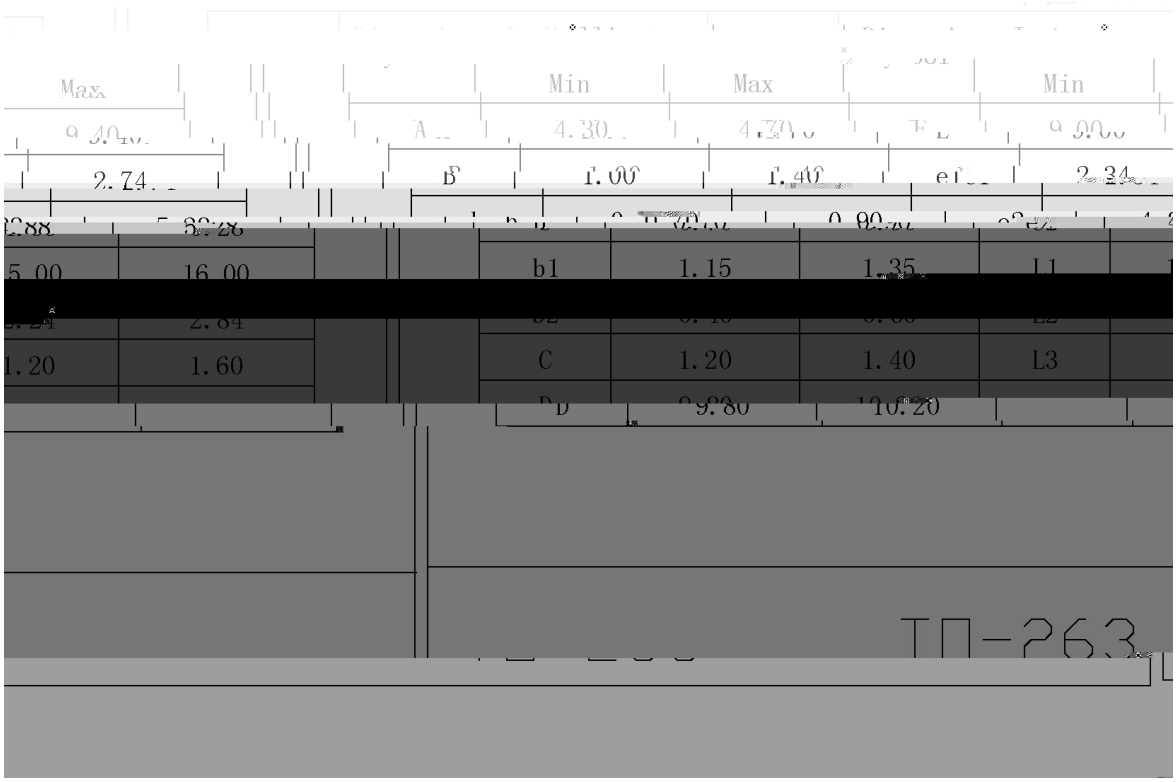




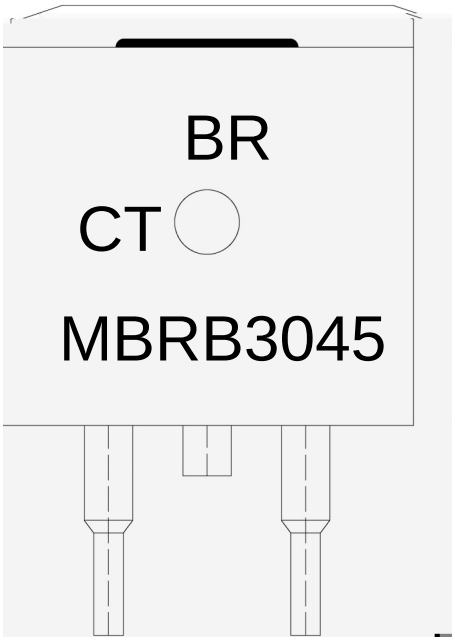


/ Package Dimensions





/ Marking Instructions



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FW=	⌘ ɲ ᴜ̂ɲ ⅃ ⎓
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Note:	
BR:	Company Code
MBRB3045 χ	Product Type.
CT:	Internal Structure
****:	Lot No. Code, code change with Lot No.