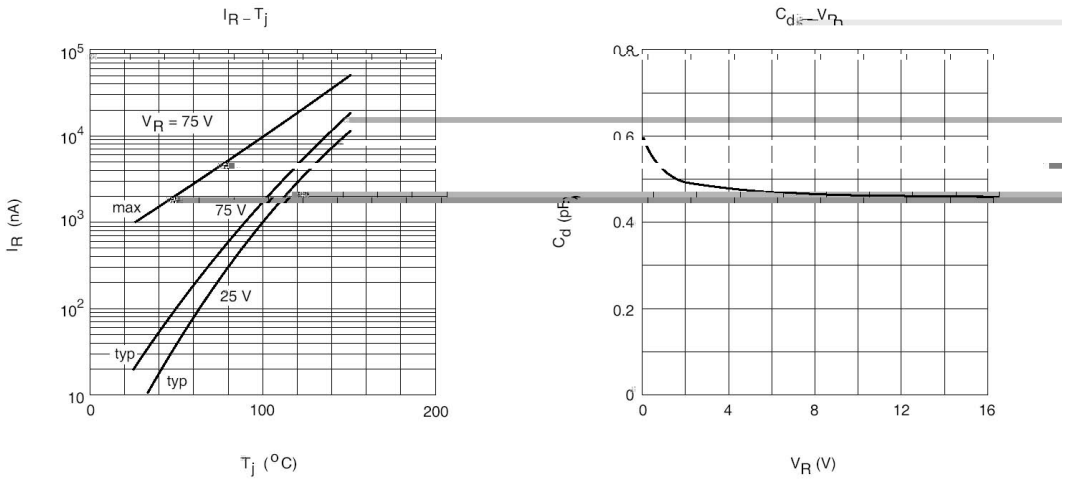
BAV56W

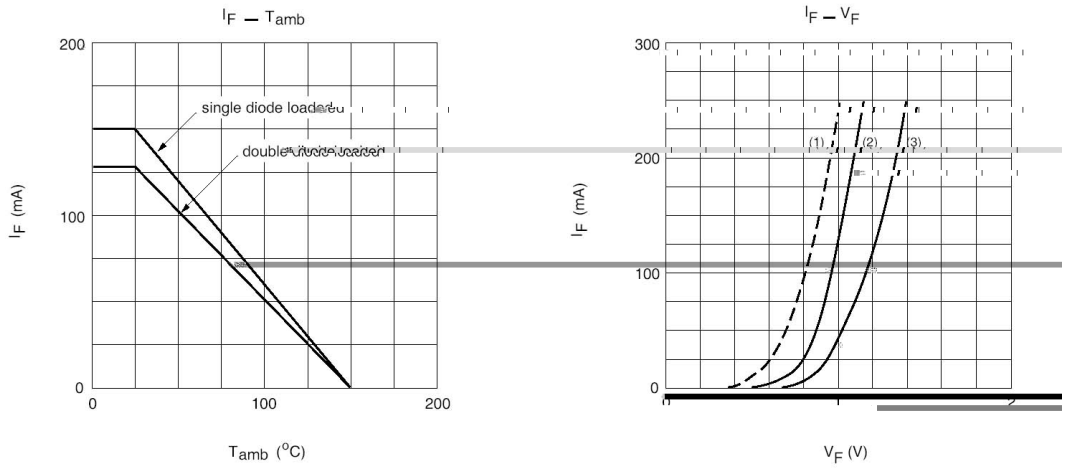
v ̈Ω Parameter	ϒ N Symbol	̈Ω Ö Rating	D Ч Unit
Repetitive Reverse Voltage	V_{RRM}	85	V
Continuous reverse voltage	V_R	75	V
Continuous forward current	$I_{F(1)}$	215	mA
	$I_{F(2)}$	125	mA
Repetitive peak forward current	I_{FRM}	450	mA
Non-repetitive Peak Forward Current	$I_{FSM(1)(t=1\ S)}$	0.5	A
	$I_{FSM(2)(t=1\ mS)}$	1.0	A
	$I_{FSM(3)(t=1\mu S)}$	4.0	A
Total power dissipation	P_{tot}	200	mW
Junction Temperature	T_j	150	
Storage Temperature Range	T_{stg}	-55 150	

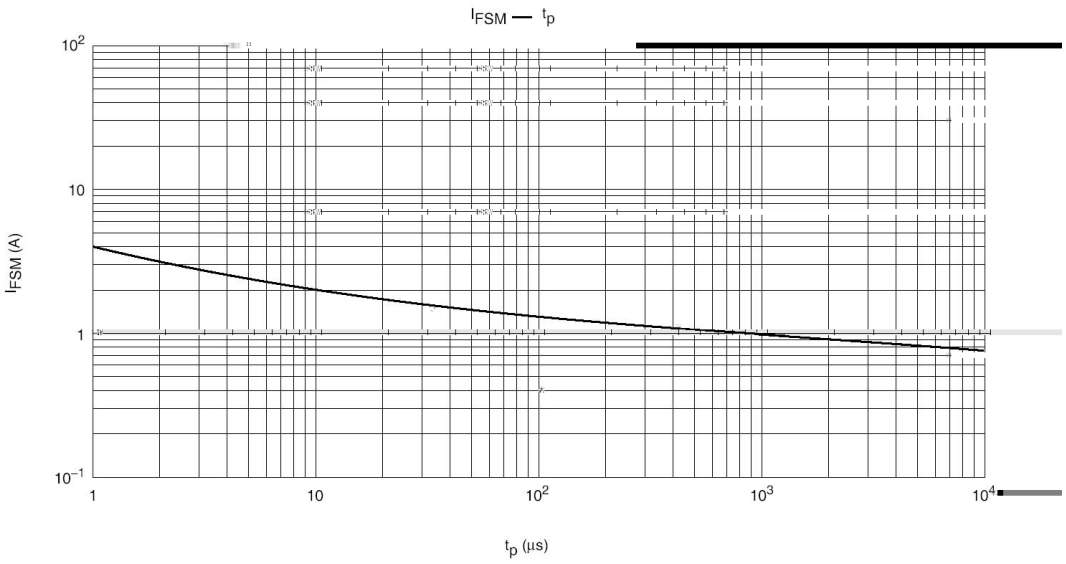
v ̈Ω Parameter	ϒ N Symbol	Ш :ϒ Ţ Test Conditions	ω ṇ Ö Min	Ɛ ʒ Ö Typ	ω ᶻ Ö Max	D Ч Unit
Forward Voltage	V_F	I_F=1mA			715	mV
		I_F=10mA			855	mV
		I_F=50mA			1.0	V
		I_F=150mA			1.25	V

Instantaneous Revers Tc0.0033 TD0269.7803 Tm-0.00070l50269.7803 Tm-0.R Tm-0nt225.7062 41403 Tm(t)8.69ltJ

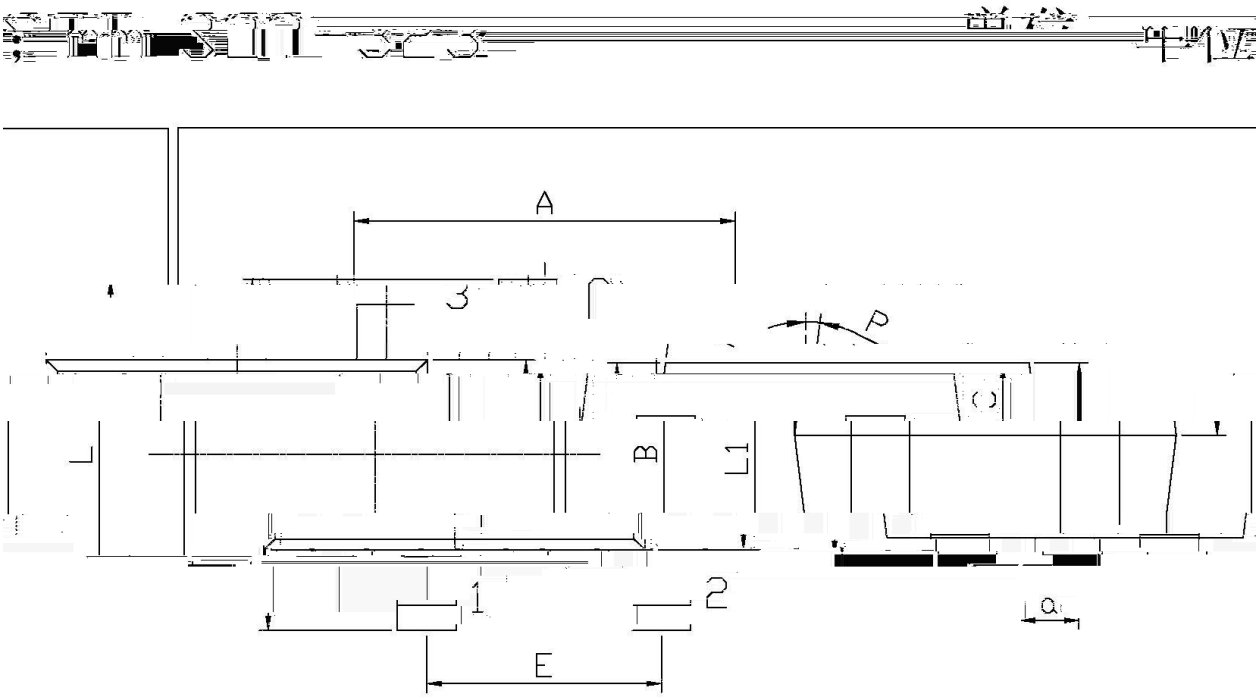
/ Electrical Characteristic Curve





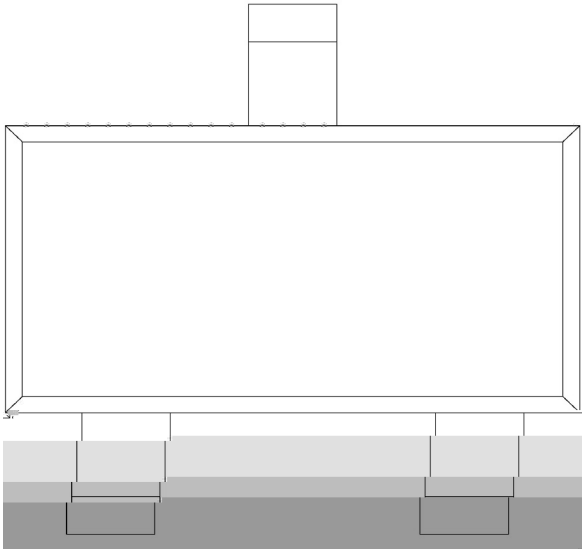


/ Package Dimensions



Symbol	Min	Max	Symbol	Min	Max
		0.50	A	1.95	2.35
L	2.00	2.2	L1	0.85	1.15

/ Marking Instructions



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