



For capacitive load, derate current by 20%

CHARACTERISTICS	SYMBOL	BA157	BA158	BA159	UNIT
Maximum Recurrent Peak Reverse Voltage	Vrrm	400	600	1000	V
Maximum RMS Voltage	VRMS	280	420	700	V
Maximum DC Blocking Voltage	VDC	400	600	1000	V
Maximum Average Forward Rectified Current @TA=75 °C	I(AV)	I(AV) 1.0			А
Peak Forward Surge Current 8.3ms Single Half Sine-Wave Super Imposed on Rated Load(JEDEC Method)	Ігѕм	IFSM 30			A
Peak Forward Voltage at 1.0A DC	VF	1.3			V
Maximum DC Reverse Current@TJ=25℃at Rated DC Blocking Voltage@TJ=100℃	IR	5.0 100			μΑ
Maximum Reverse Recovery Time (Note 1)	Trr	150	250	500	nS
Typical Junction Capacitance (Note2)	CJ	25 15		pF	
Typical Thermal Resistance (Note3)	Reja	25			°C/W
Operating Temperature Range	TJ	-55 to +125			°C
Storage Temperature Range	Тѕтс	-55 to +150			°C

IOTES: 1.Measured with IF=0.5A, IR=1A, IRR=0.25A

2.Measured at 1.0 MHz and applied reverse voltage of 4.0V DC $\,$

3. Thermal resistance junction to ambient.



