

BA157 – BA159

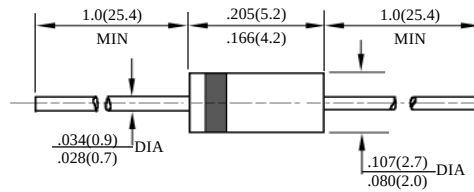
1A 快速二极管

1A FAST RECOVERY DIODES

型 号 TYPE	最大反向 峰值电压 Maximum Peak Reverse Voltage	最大平均正向电流 Maximum Average Rectified Current @ Half-Wave Resistive Load 60Hz		最大正向浪涌电流 Maximum Forward Peak Surge Current @ 8.3ms Superimposed	最大反向漏电流 Maximum Reverse Current @ PRV @ T _A =25°C	最大正向电压 Maximum Forward Voltage @ T _A =25°C		最大反向 恢复时间 Maximum Reverse Recovery Time	外型尺寸 Package Dimensions
	PRV	I _O @ T _L		I _{FM} (Surge)	I _R	I _{FM}	V _{FM}	T _{rr}	
	V _{PK}	A _{AV}	°C	A _{PK}	μA dc	A _{PK}	V _{PK}	ns	
BA157	400	1.0	55	20	5.0	1.0	1.3	150	DO-41
BA158	600							250	
BA159D	800							500	
BA159	1000							500	

T_{rr}测试条件: I_F = 0.5A, I_R = 1.0A, I_{RR} = 0.25A

T_{rr} Test Conditions: I_F = 0.5A, I_R = 1.0A, I_{RR} = 0.25A



DO – 41

BA157-BA159

快速二极管额定值与特性曲线

RATING & CHARACTERISTIC CURVES OF FAST RECOVERY DIODES

FIG. 1 – FORWARD CURRENT DERATING CURVE

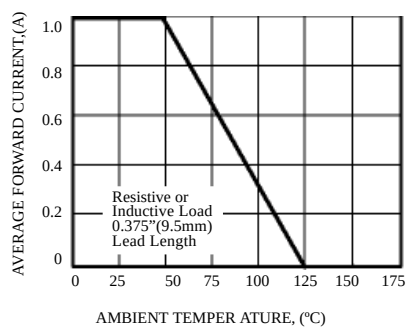


FIG. 2 – MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

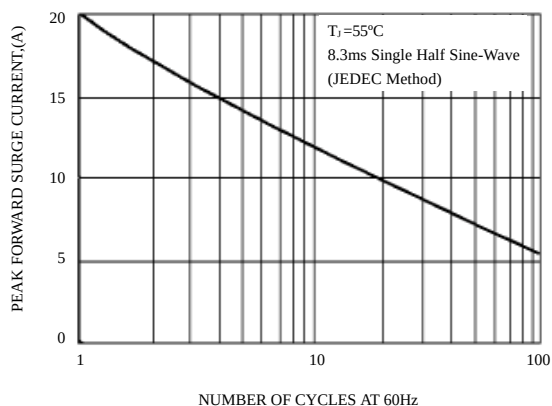


FIG. 3 – TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS

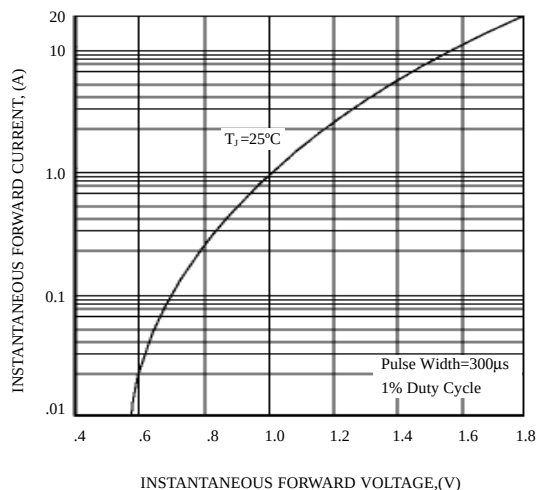


FIG. 4 – TYPICAL REVERSE CHARACTERISTICS

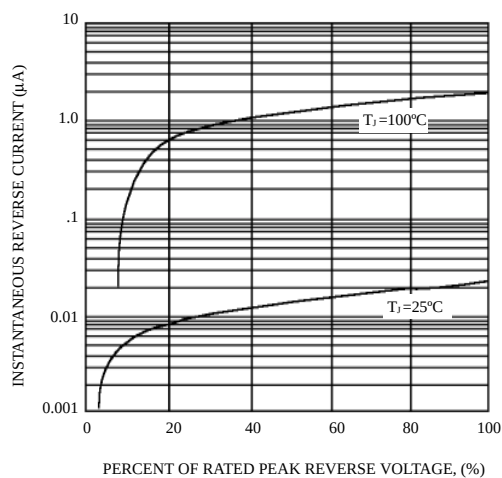


FIG. 5 – TYPICAL JUNCTION CAPACITANCE

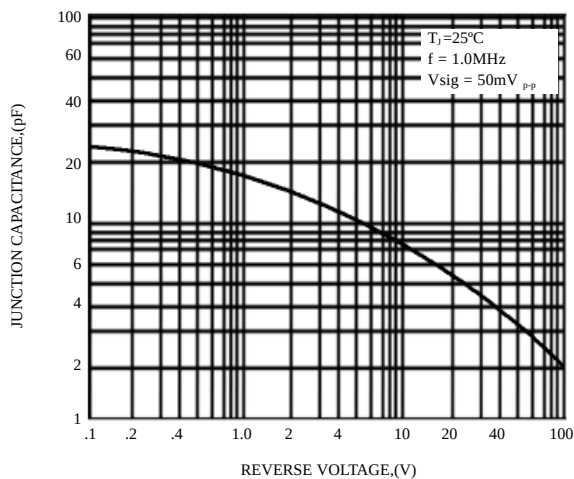


FIG. 6 – TYPICAL TRANSIENT THERMAL IMPEDANCE

