

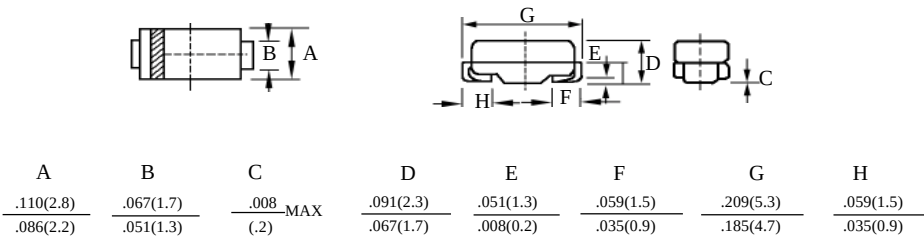


FFM101 – FFM107

1A 片式快速二极管
 1A FAST RECOVERY SMA DIODES

型 号 TYPE	印 字 Marking	反 向 重 复 峰 值 电 压 $V_{RRM}(V)$	正 向 平 均 电 流 $I_F(A)$	正 向 峰 值 电 压 $V_F(V)$	反 向 峰 值 电 流 $I_{RMI}(\mu A)$	正 向 浪 涌 电 流 $I_{P8M}(A)$	反 向 恢 复 时 间 $T_{rr}(ns)$	外形尺寸 Package Dimensions
FFM101	FF1	50	1.0	1.3	5.0	30	150	DO – 214AC
FFM102	FF2	100						
FFM103	FF3	200						
FFM104	FF4	400						
FFM105	FF5	600						
FFM106	FF6	800					250	
FFM107	FF7	1000					500	

Trr测试条件: $I_F=1A$, $I_R=0.5A$, $I_{RR}=0.25A$
 Trr Test Conditions: $I_F=1A$, $I_R=0.5A$, $I_{RR}=0.25A$



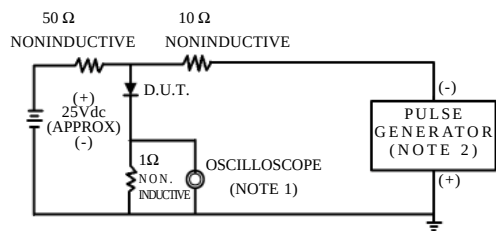
DO – 214AC

FFM101 – FFM107

1A 片式快速二极管额定值与特性曲线

RATING & CHARACTERISTIC CURVES OF 1A FAST RECOVERY SMA DIODES

FIG.1-TEST CIRCUIT DIAGRAM AND
REVERSE RECOVERY TIME CHARACTERISTIC



NOTES: 1. Rise Time = 7ns max.
Input Impedance = 1megohm. 22pF.
2. Rise Time = 10ns max.
Source Impedance = 50 ohms.

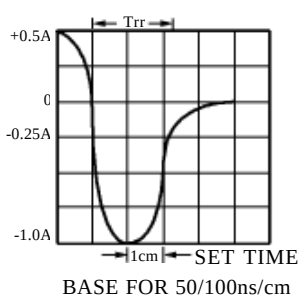


FIG. 2 – TYPICAL FORWARD
CURRENT DERATING CURVE

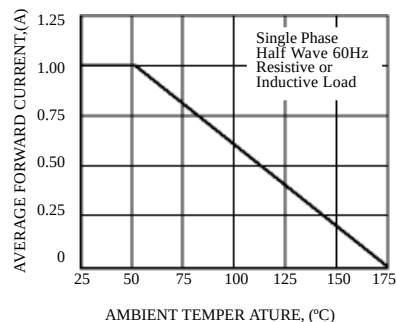


FIG. 3 – TYPICAL INSTANTANEOUS
FORWARD CHARACTERISTICS

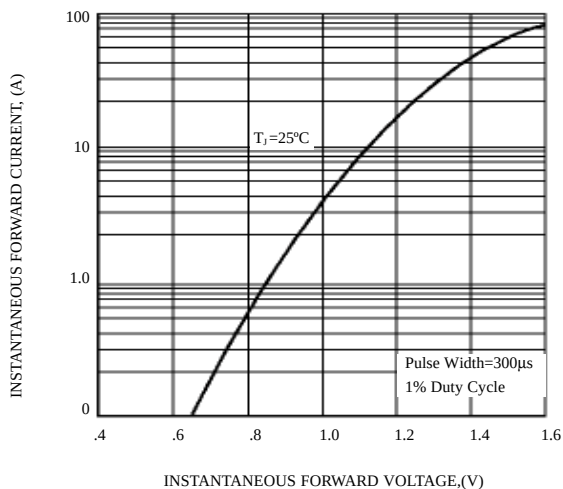


FIG. 4 – MAXIMUM NON-REPETITIVE
FORWARD SURGE CURRENT

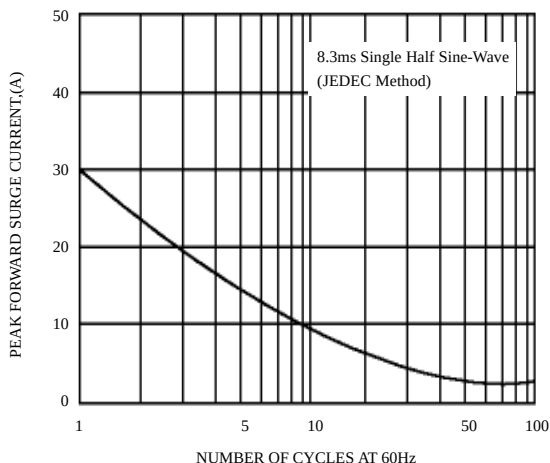


FIG. 5 – TYPICAL JUNCTION CAPACITANCE

