

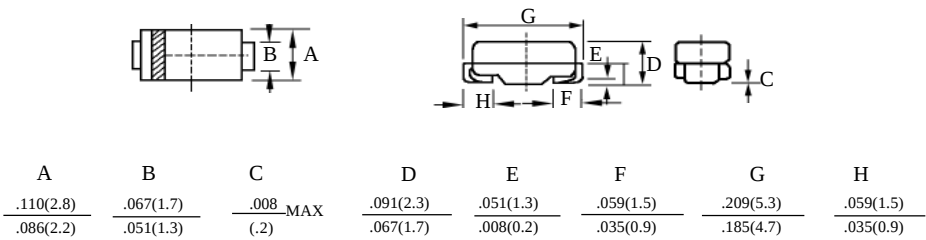


FM4933 – FM4937

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 $I_{RM}(\mu A)$	正 向 浪 涌 电 流 $I_{P8M}(A)$	反 向 恢 复 时 间 $T_{rr}(ns)$	外形尺寸 Package Dimensions
FM4933	FM3	50	1.0	1.20	5.0	30	150	DO – 214AC
FM4934	FM4	100						
FM4935	FM5	200						
FM4936	FM6	400						
FM4937	FM7	600						

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



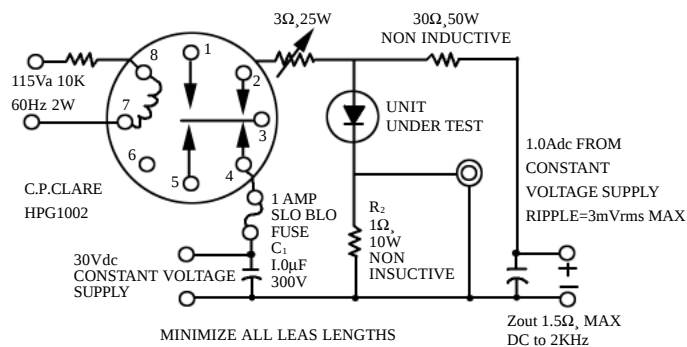
DO – 214AC

FM4933 – FM4937

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-REVERSE RECOVERY TIME CHARACTERISTIC AND TEST CIRCUIT DIAGRAM



A TEKTRONIX 545A.K PLUG IN PRE AMP
P6000 PROBE OR EQUIVALENT
R₁ ADJUSTED FOR 1.4 Ω, BETWEEN
POINT 2 OF RELAY AND RECTIFIER
INDUCTIVE = 38μH

R₂ TEN 1W 10Ω, % CARBON CORE
IN PARALLEL
T_A 25^{±10} °C FOR RECTIFIER

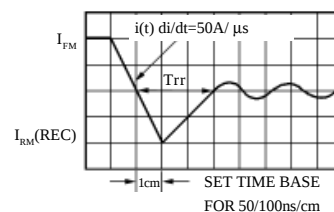


FIG.3-TYPICAL FORWARD CHARACTERISTICS

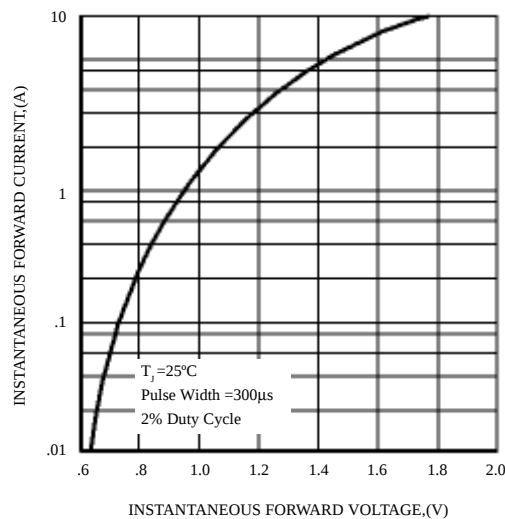
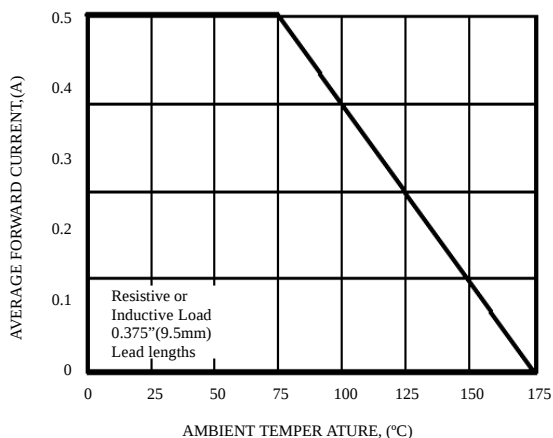
 FIG. 2 - TYPICAL FORWARD
CURRENT DERATING CURVE


FIG.5-TYPICAL REVERSE CHARACTERISTICS

FIG.4-TYPICAL JUNCTION CAPACITANCE

