

SS12 – SS16

 1A 片式肖特基二极管
 1A SCHOTTKY 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 $I_{FSM}(A)$ | 反向 恢复时间 $T_{rr}(ns)$ | 外形尺寸 Package Dimensions |
|------------|---------------|------------------------------|------------------------|------------------------|-------------------------------|----------------------------|----------------------------|-------------------------------|
| SS12 | S12 | 20 | 1.0 | 0.50 | 1000 | 30 | — — — — — | DO – 214AC |
| SS13 | S13 | 30 | | 0.50 | | | | |
| SS14 | S14 | 40 | | 0.50 | | | | |
| SS15 | S15 | 50 | | 0.70 | | | | |
| SS16 | S16 | 60 | | 0.70 | | | | |



| A | B | C | D | E | F | G | H |
|-------------------------------|-------------------------------|--------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| $\frac{.110(2.8)}{.086(2.2)}$ | $\frac{.067(1.7)}{.051(1.3)}$ | $\frac{.008}{(2)}_{MAX}$ | $\frac{.091(2.3)}{.067(1.7)}$ | $\frac{.051(1.3)}{.008(0.2)}$ | $\frac{.059(1.5)}{.035(0.9)}$ | $\frac{.209(5.3)}{.185(4.7)}$ | $\frac{.059(1.5)}{.035(0.9)}$ |

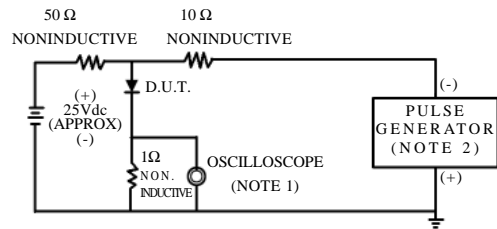
DO – 214AC

SS12 – SS16

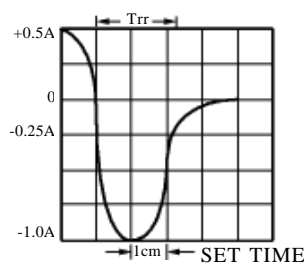
1A 片式肖特基二极管额定值与特性曲线

RATING & CHARACTERISTIC CURVES OF 1A SCHOTTKY 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.



BASE FOR 10 ns/cm

FIG. 2 - TYPICAL FORWARD CURRENT DERATING CURVE

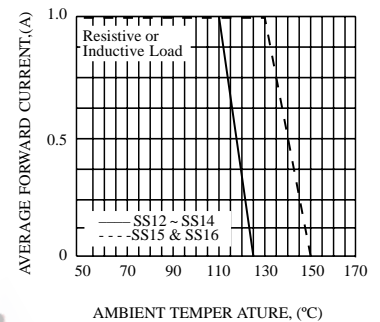


FIG. 3 - TYPICAL REVERSE CHARACTERISTICS

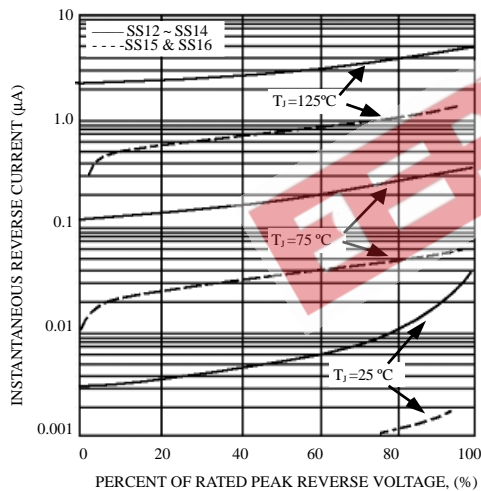


FIG. 4 - TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS

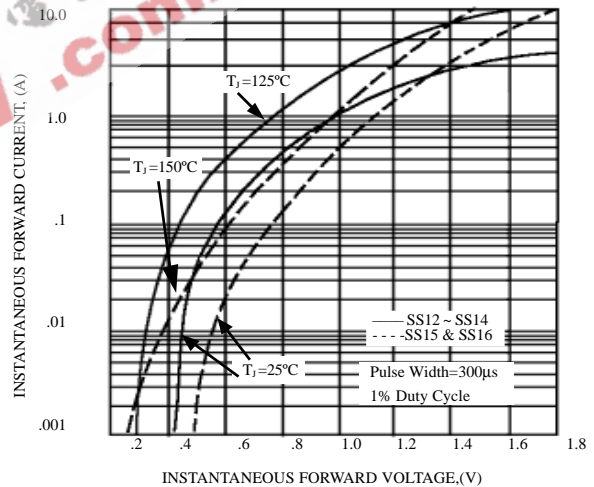


FIG. 5 - MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

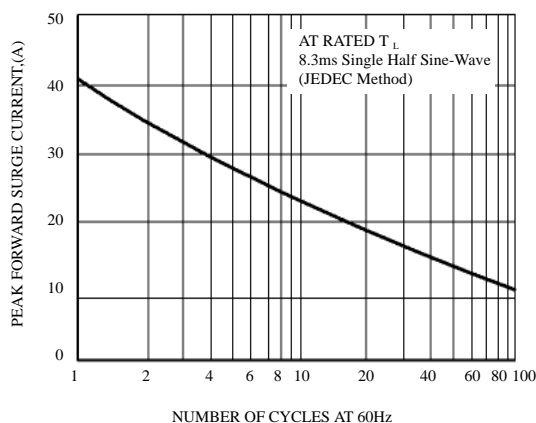


FIG. 6 - TYPICAL JUNCTION CAPACITANCE

