

CURRENT 1.0 Ampere  
VOLTAGE RANG 50 to 1000 Volts

# US1AB THRU US1MB

2 A

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## MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

- Ratings

CURRENT 1.0 Ampere  
 VOLTAGE RANG 50 to 1000 Volts

**US1AB THRU US1MB**

RATING AND CHARACTERISTIC CURVES US1A Thru US1M

FIG.1-TYPICAL FORWARD CURRENT DERATING CURVE

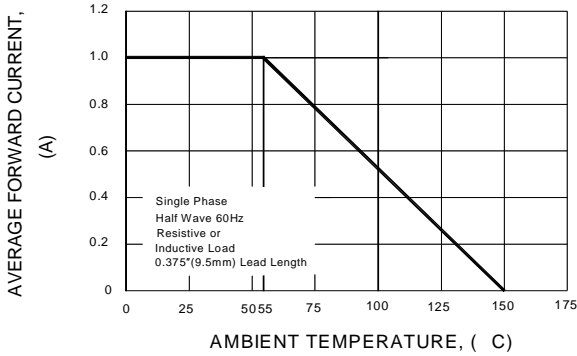


FIG.2-MAXIMUM NON-REPETITIVE PEAK FORWARD SURGE CURRENT

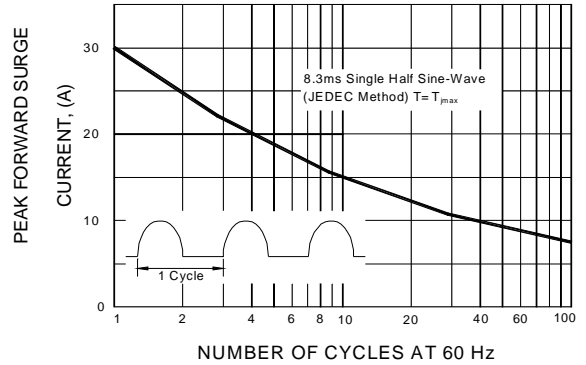


FIG.3-TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS

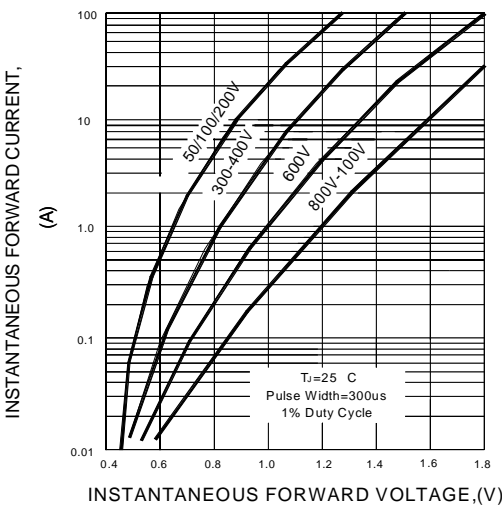


FIG.4-TYPICAL REVERSE CHARACTERISTICS

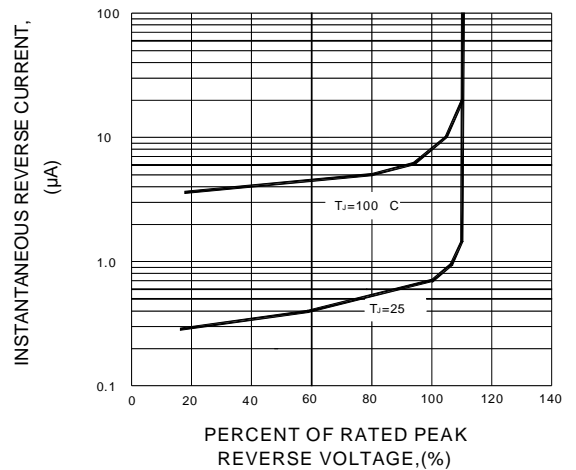


FIG.5-TYPICAL JUNCTION CAPACITANCE

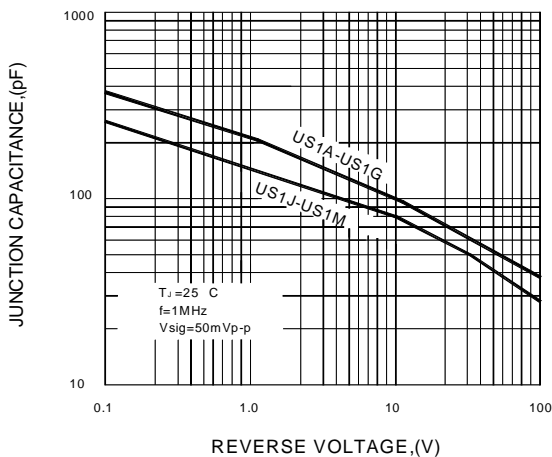
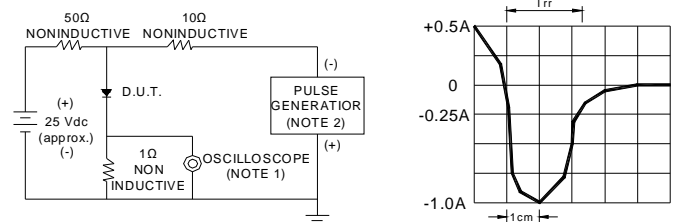


FIG.6-TEST CIRCUIT DIAGRAM AND REVERSE RECOVERY TIME CHARACTERISTIC



NOTES : 1.Rise Time=7ns max. Input Impedance= 1 magohm. 22pF  
 2.Rise time=10ns max. Source Impedance= 50 ohms  
 SET TIME BASE FOR 50/100ns/cm