

NOTES:1.Measured at 1.0 MHz and applied reverse voltage of 4.0V DC.

2. Thermal resistance junction to lead.

3.0

2.5

2.0

1.5

1.0

0.5

0

25

50

75

AVERAGE FORWARD CURRENT

(AMPERES)

HY

FIG. 1 – FORWARD CURRENT DERATING CURVE

SINGLE PHASE HALF WAVE 60Hz

RESISTIVE OR INDUCTIVE LOAD

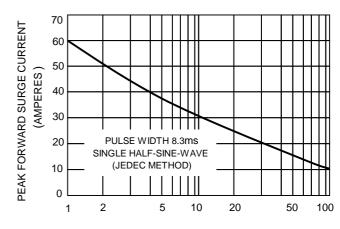


FIG. 2 - MAXIMUM NON-REPETITIVE SURGE CURRENT

NUMBER OF CYCLES AT 60Hz



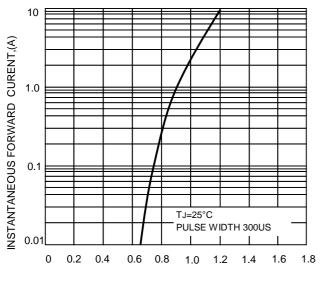
100

LEAD TEMPERATURE °C

125

150

175



INSTANTANEOUS FORWARD VOLTAGE, VOLTS

FIG.4-TYPICAL REVERSE CHARACTERISTICS

