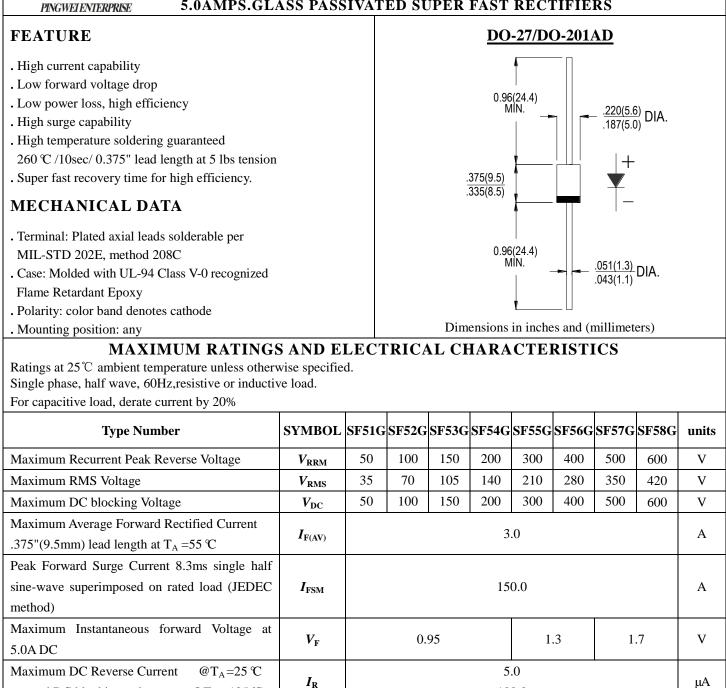


SF51G THRU SF58G

5.0AMPS.GLASS PASSIVATED SUPER FAST RECTIFIERS



100.0

35

50

-55 to +150

-55 to +150

90

120

ns

pF

°C/W

C

C

Operation Junction Temperature Note:

Maximum Reverse Recovery Time (Note 1)

Typical Junction Capacitance (Note 2)

Typical Thermal Resistance (Note 3)

at rated DC blocking voltage

Storage Temperature

1. Test Conditions: $I_F=0.5A$, $I_R=1.0A$, $I_{RR}=0.25A$

2. Measured at 1.0 MHz and applied reverse voltage of 4.0Vdc

@T_A =125 ℃

3. Thermal Resistance from Junction to Ambient at 0.375" (9.5mm) lead length, vertical P.C. Board Mounted.

 $t_{\rm rr}$

 $C_{\rm J}$

 $R_{(JA)}$

T_{STG}

 $T_{\rm J}$