SILIKRON

SSF6808D5X

G   S

D

G

S

RoHS
Compliant

Figure (top left):

I_D, Drain-to-Source Current (A)

120, 90, 60, 30

10V, 8V, 6V, 4.5V, V_{GS} =3V

Figure (top right):

$V_{(BRDSS)}$, Drain-to-Source Breakdown Voltage (V)

80, 78, 76, 74, 72

0, 40, 80, 120, 160

T_J, Juntion Temperature(°C)

Figure (middle left):

12

Figure (middle right):

V_{GS}-Gate-to-Source Voltage(V)

3.2, 3.0, 2.8, 2.6, 2.4, 2.2, 2.0

0, 40, 80, 120, 160

T_J, Juntion Temperature(°C)

Figure (bottom left):

Capacitance(pF)

100000, 10000, 1000

C_{iss}

C

Figure (bottom right):

V_{GS}, Gate-Source Voltage(V)

10, 8, 6, 4, 2

0, 10, 20, 30, 40, 50, 60, 70

Q_g Gate Charge(nC)

5.3±0.3   1.0±0.2

0.86±0.

2.8±0.4

0.5±0.05

1.0±0.2

max0.3

0.5±0.05

6.6±0.3

2.3±0.2

5.25±0.3

5.30±0.3