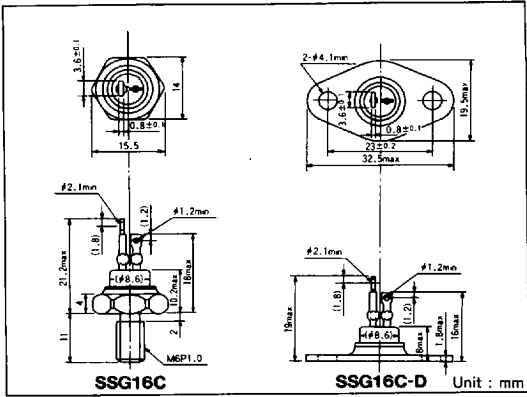


TRIAC
SSG16C/16C-D

For general A.C. power control applications such as A.C. switches, light controls, speed controls and heater controls etc.

- General A.C. power use
IT(RMS) = 16A
High voltage up to 1200V
High surge current of 160A
Package types; stud and diamond



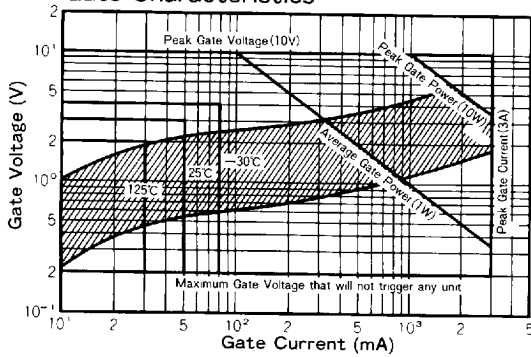
Maximum Ratings

Table with 8 columns: Symbol, Item, SSG16C40(D), SSG16C60(D), SSG16C80(D), SSG16C100(D), SSG16C120(D), Unit. Rows include VDRM, IT(RMS), ITSM, I2t, PGM, PG(AV), IGM, VGM, di/dt, Tj, Tstg, Mounting Torque, and Mass.

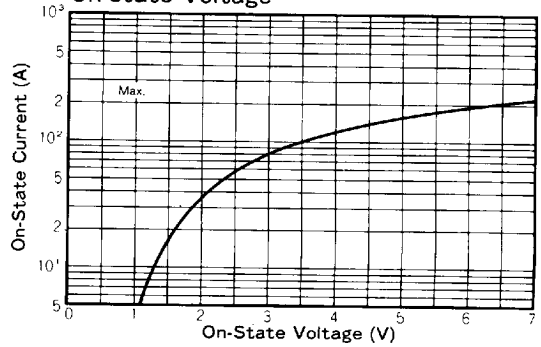
Electrical Characteristics

Table with 5 columns: Symbol, Item, Conditions, Ratings, Unit. Rows include IDRM, VTM, Gate Trigger Current (IGT), Gate Trigger Voltage (VGT), Non-Trigger Gate Voltage (VGD), Turn On Time (tgt), dv/dt, [dv/dt]c, IH, and Rth(j-c).

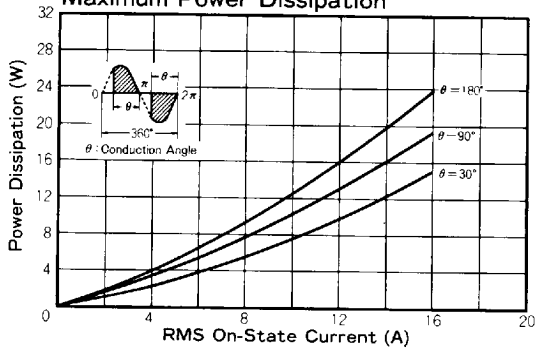
Gate Characteristics



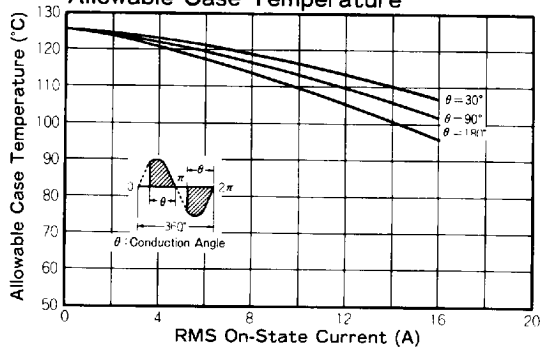
On-state Voltage



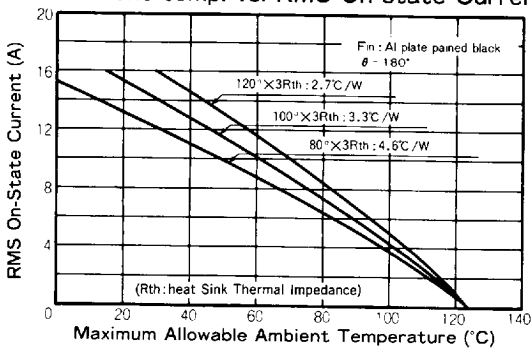
On state Current vs. Maximum Power Dissipation



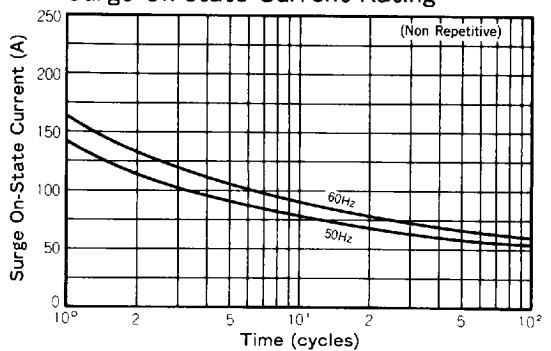
On state Current vs. Allowable Case Temperature



Ambient temp. vs. RMS On state Current

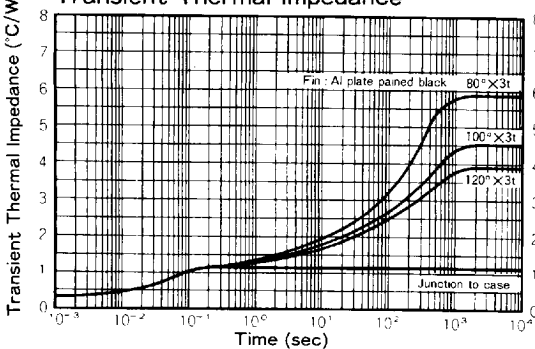


Surge On state Current Rating



TRIAC

Transient Thermal Impedance



7991243 0002428 480

SANSHA ELECTRIC

B-274