

SG800EX21 Thyristors

Gate Turn Off Thyristor (GTO)

V(DRM) Max. (V) 2.5kV

V(RRM) Max. (V)

I(T) Rated Maximum (A) 400²

@Temp. (°C) (Test Condition) 115°

I(TSM) Max. (A) 5.5kV

@ t(w) (s) (Test Condition)

I(GT) Max. (A) 350m

V(GT) Max.(V) 1.0

I(H) Max. (A) Holding Current 2.0A

I(D) Max. (A) Leakage Current 50m

@Temp. (°C) (Test Condition) 115°

V(T) Max. (V) 2.3

@I(T) (A) (Test Condition) 600

t(gt) Typ. (s) 10µs

dv/dt Min. (V/µs)

t(q) Typ. (s)

Minimum Operating Temp (°C) -40

Maximum Operating Temp (°C) 110°

Package Style TO-200var78

Mounting Style T

Pinout Equivalence Code N/A