

BW491-1 Thyristors

Dual Independent SCR Module

V(DRM) Max. (V) 400

V(RRM) Max. (V) 120

I(T) Rated Maximum (A) 30²

@Temp. (°C) (Test Condition) 85

I(TSM) Max. (A) 200

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

I(GT) Max. (A) 80m

V(GT) Max.(V) 2.5

I(H) Max. (A) Holding Current 75m

I(D) Max. (A) Leakage Current

@Temp. (°C) (Test Condition) 85

V(T) Max. (V) 2.2

@I(T) (A) (Test Condition) 100

dv/dt Min. (V/us)

t(q) Typ. (s)

t(gt) Typ. (s)

Minimum Operating Temp (°C) -25

Maximum Operating Temp (°C) 125^o

Thermal Resistance Junc-Case

& Name of Screw Terminals