

# BW493S Thyristors

## Dual Independent SCR Module

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**V(DRM) Max. (V) 800**

**V(RRM) Max. (V) 280**

**I(T) Rated Maximum (A) 30<sup>2</sup>**

**@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<sup>o</sup>**

**Thermal Resistance Junc-Case**

**# & Name of Screw Terminals**