Bulletin I27505 rev. J 09/06

GBPC.. Series

SINGLE PHASE BRIDGE **Power Modules**

Features

Universal, 3 way terminals:
push-on, wrap around or solder
High thermal conductivity package,
electrically insulated case

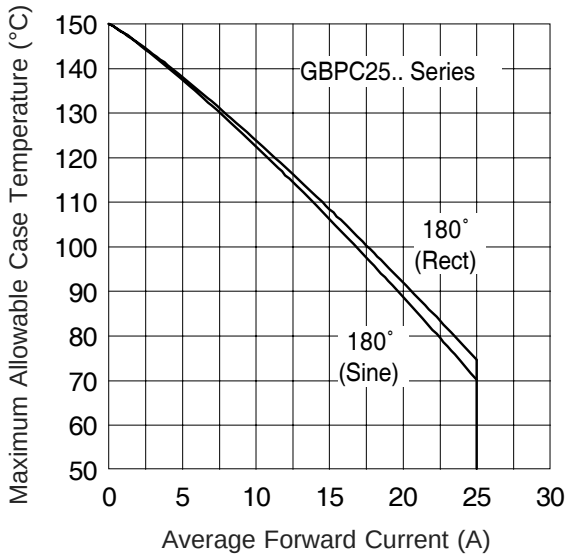

Fig. 1 - Current Ratings Characteristics

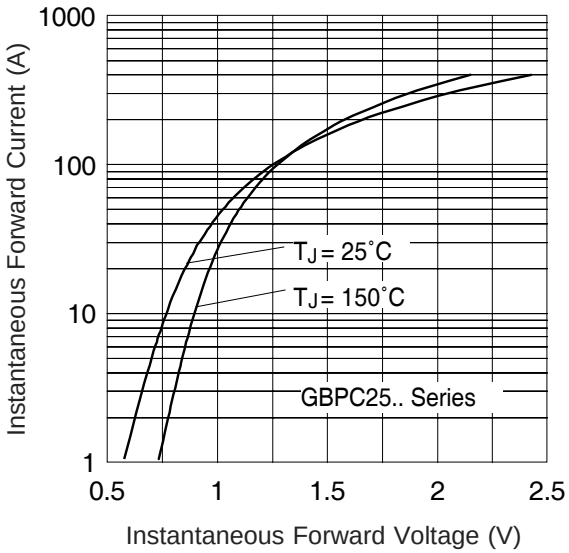

Fig. 2 - Forward Voltage Drop Characteristics

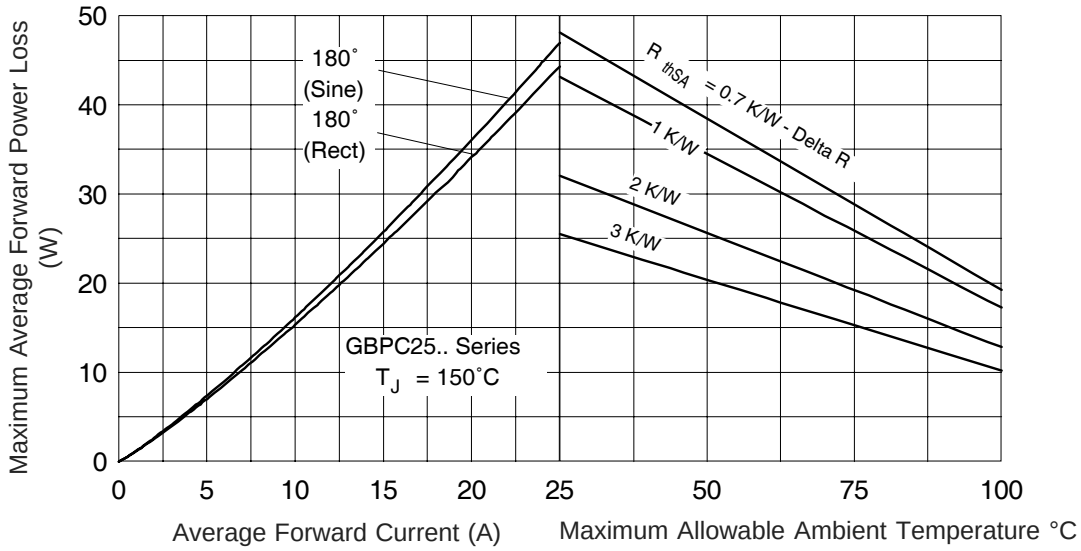

Fig. 3 - Total Power Loss Characteristics

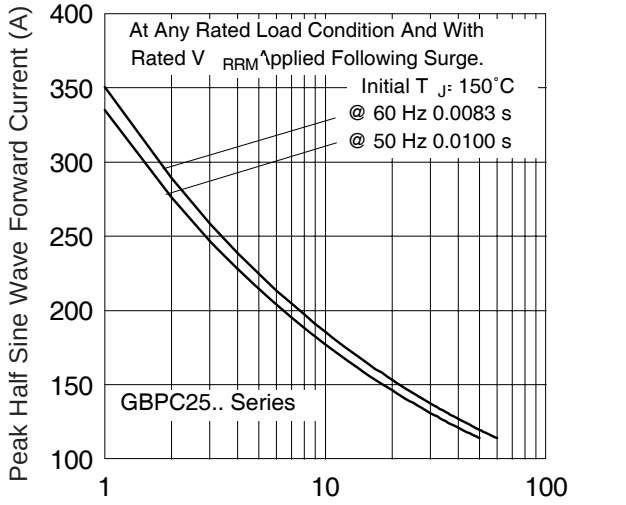

Fig. 4 - Maximum Non-Repetitive Surge Current

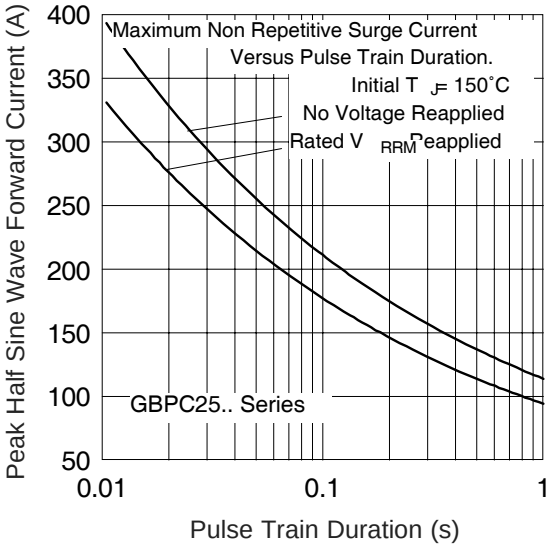

Fig. 5 - Maximum Non-Repetitive Surge Current

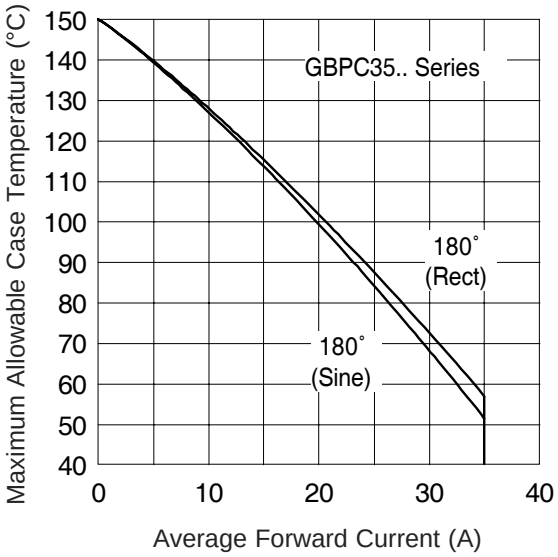

Fig. 6 - Current Ratings Characteristics

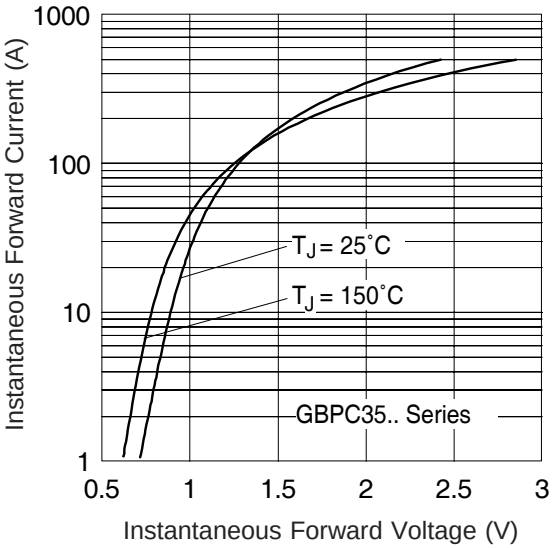

Fig. 7 - Forward Voltage Drop Characteristics

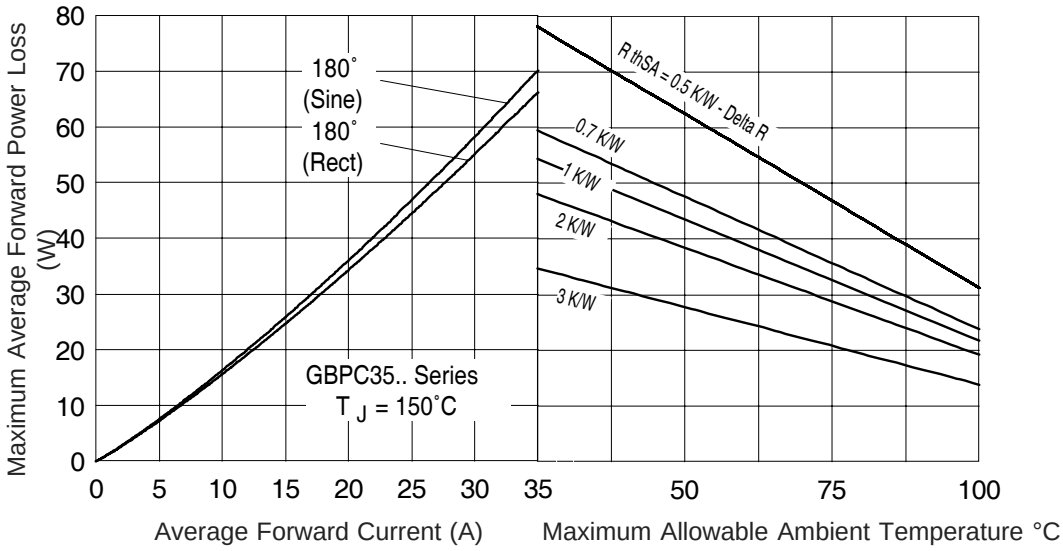

Fig. 8 - Total Power Loss Characteristics

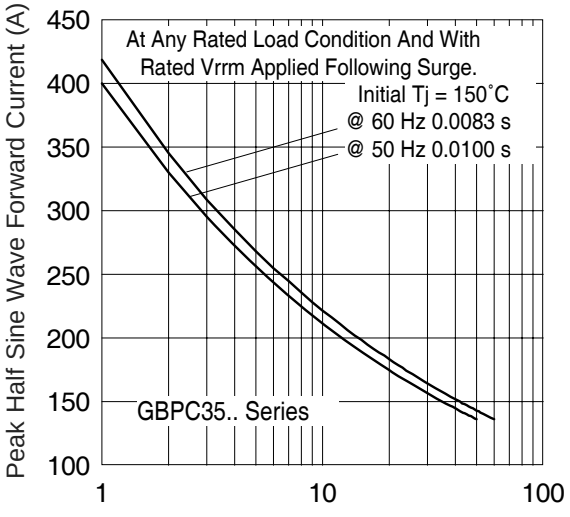

Fig. 9 - Maximum Non-Repetitive Surge Current

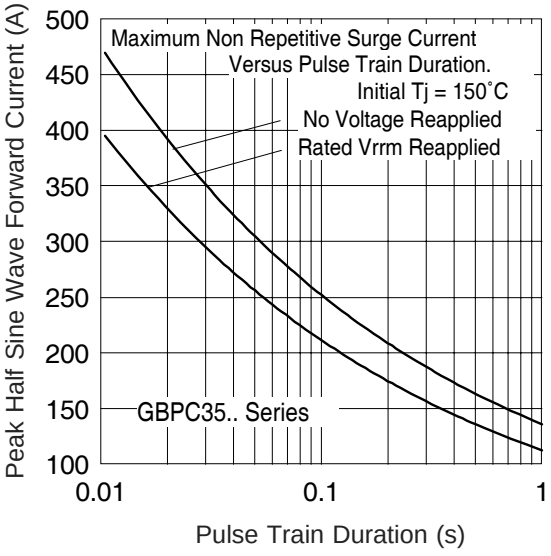

Fig. 10 - Maximum Non-Repetitive Surge Current

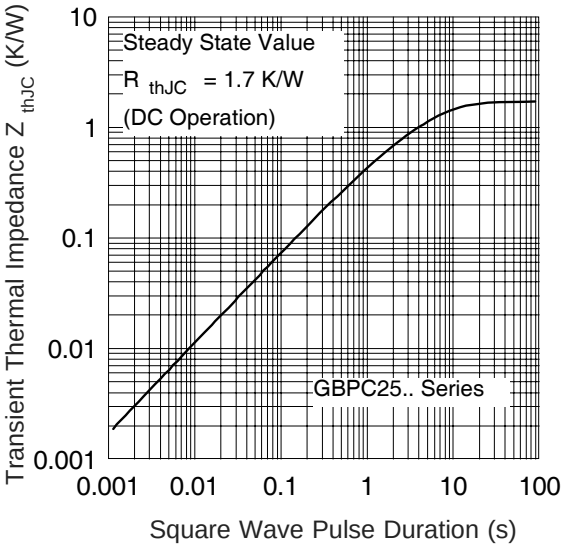

Fig. 11 - Thermal Impedance Z_{thJC} Characteristic

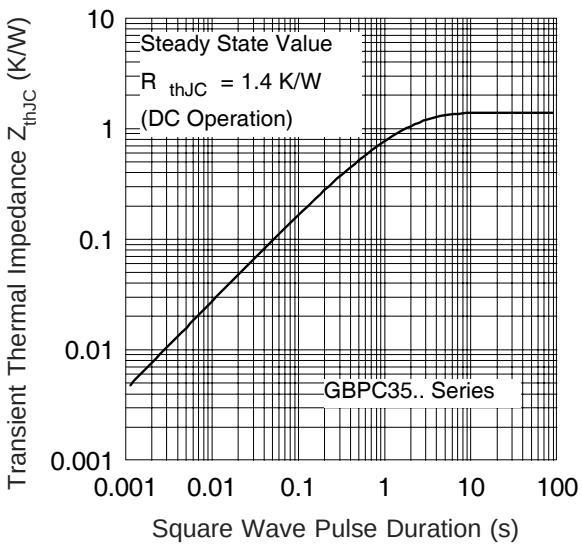

Fig. 12 - Thermal Impedance Z_{thJC} Characteristic

Data and specifications subject to change without notice.
This product has been designed and qualified for Industrial and Consumer Level and Lead-Free.
Qualification Standards can be found on IR's Web site.

IR WORLD HEADQUARTERS: 233 Kansas St., El Segundo, California 90245, USA Tel: (310) 252-7105
TAC Fax: (310) 252-7309
Visit us at www.irf.com for sales contact information. 09/06