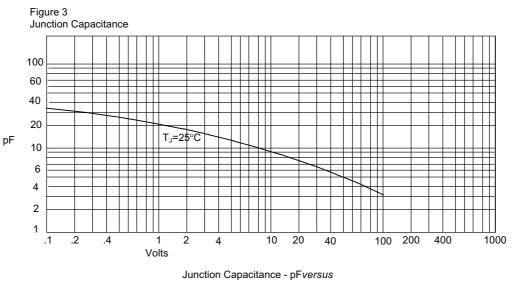


Instantaneous Forward Voltage - Volts



Figure 2 Forward Derating Curve 1.2 1.0 .8 .6 Amps .4 .2 Single Phase, Half Wave 60Hz Resistive or Inductive 0 0 50 75 100 125 150 175 °C

Average Forward Rectified Current - Amperes/ersus Ambient Temperature $\ -^\circ C$

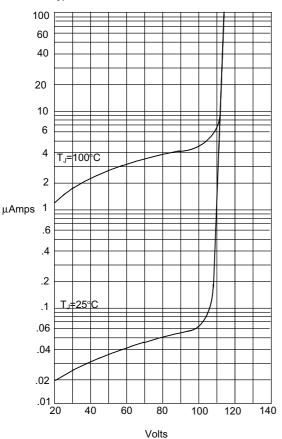


Reverse Voltage - Volts

www.mccsemi.com



Figure 4 Typical Reverse Characteristics



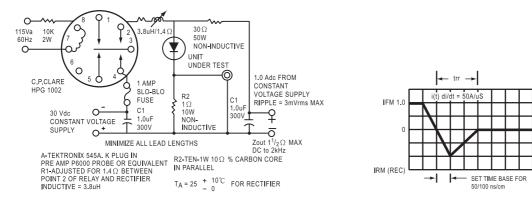
Micro Commercial Components Figure 5 Peak Forward Surge Current 60 50 40 30 Amps 20 10 0 2 4 6 8 10 20 40 60 80 100 Cycles

> Peak Forward Surge Current - Amperesversus Number Of Cycles At 60Hz - Cycles

Instantaneous Reverse Leakage Current - MicroAmperesersus Percent Of Rated Peak Reverse Voltage - Volts

Figure 6

Reverse Recovery Time Characteristic And Test Circuit Diagram



www.mccsemi.com





Ordering Information :

Device	Packing
Part Number-TP	Tape&Reel: 5Kpcs/Reel

*****IMPORTANT NOTICE*****

Micro Commercial Components Corp. reserves the right to make changes without further notice to any product herein to make corrections, modifications, enhancements, improvements, or other changes. *Micro Commercial Components Corp*. does not assume any liability arising out of the application or use of any product described herein; neither does it convey any license under its patent rights, nor the rights of others. The user of products in such applications shall assume all risks of such use and will agree to hold *Micro Commercial Components Corp*. and all the companies whose products are represented on our website, harmless against all damages.

LIFE SUPPORT

MCC's products are not authorized for use as critical components in life support devices or systems without the express written approval of Micro Commercial Components Corporation.

CUSTOMER AWARENESS

Counterfeiting of semiconductor parts is a growing problem in the industry. Micro Commercial Components (MCC) is taking strong measures to protect ourselves and our customers from the proliferation of counterfeit parts. MCC strongly encourages customers to purchase MCC parts either directly from MCC or from Authorized MCC Distributors who are listed by country on our web page cited below. Products customers buy either from MCC directly or from Authorized MCC Distributors are genuine parts, have full traceability, meet MCC's quality standards for handling and storage. **MCC will not provide any warranty coverage or other assistance for parts bought from Unauthorized Sources.** MCC is committed to combat this global problem and encourage our customers to do their part in stopping this practice by buying direct or from authorized distributors.

www.mccsemi.com