

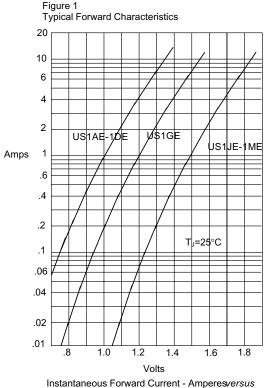
Notes: 1. High Temperature Solder Exemption Applied, see EU Directive Annex Notes 7

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Downloaded from Elcodis.com electronic components distributor

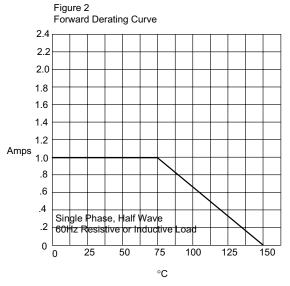




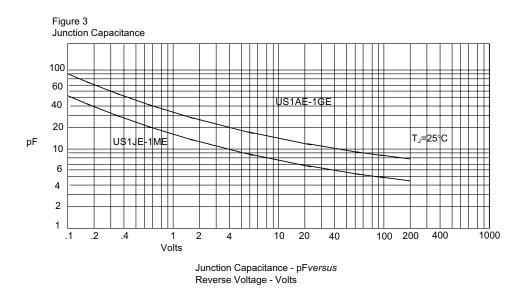


Instantaneous Forward Current - Amperesversus Instantaneous Forward Voltage - Volts





Average Forward Rectified Current - Amperes/ersus Lead Temperature -°C



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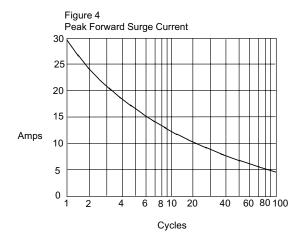
**Revision: 2** 

## **US1AE thru US1ME**



**Micro Commercial Components** 

6 10



<sup>400</sup> 200 100 Amps 60 40 20 10 .01 .02 .2 .6 1 2 .06 .1 mS

Peak Forward Surge Current

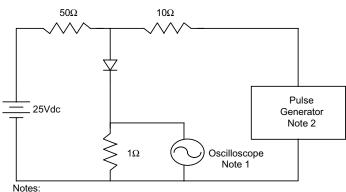
Figure 5

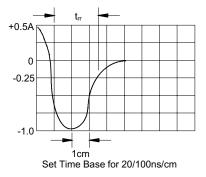
1000

600

Peak Forward Surge Current - Amperesversus Peak Forward Surge Current - Amperesversus Number Of Cycles At 60Hz - Cycles Pulse Duration - Milliseconds (mS)

Figure 6 Reverse Recovery Time Characteristic And Test Circuit Diagram





1. Rise Time = 7ns max.

Input impedance = 1 megohm, 22pF

2. Rise Time = 10ns max. Source impedance = 50 ohms

3. Resistors are non-inductive

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**Revision:** 2

3 of 4

2008/04/15



### **Ordering Information**

Device	Packing
(Part Number)-TP	Tape&Reel6Kpcs/Reel

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