

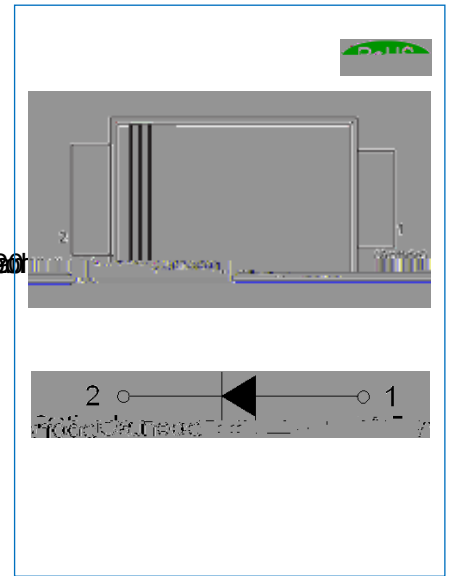


US3A~US3M ULTRA FAST RECOVERY RECTIFIER

Rev.2.3

DESCRIPTION

- Plastic package has underwriters laboratory flammability classification 94V-0
- For surface mounted applications in order to optimize board space
- Glass passivated chip junction
- Lead free in comply with EU RoHS 2011/65/EU dire.5(/60)-4.2o dir/60900/2002



US3A	US3B	US3D	US3G	US3J	US3K
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THERMAL RESISTANCES

Symbol	Parameter	US3A	US3B	US3D	US3G	US3J	US3K	US3M	Unit
$R_{th(j-L)}$	Junction to lead (note1)	15							/W

Note1 Thermal resistance from junction to lead mounted on P.C.B. with 8.0 mm x 8.0 mm copper pad areas.

MARKING

PACKAGE MECHANICAL DATA

Ref.	Dimensions	
	Millimeters	Inches
	Min.	
A	5.75	
B	6.90	
C	2.75	
D	0.95	
E	7.70	
F	0.051	
G	0.15	

TAPE AND REEL SPECIFICATION-SMC



