



## MUR140S~MUR160S SUPER FAST RECOVERY RECTIFIER

Rev.1.1

### 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 directives
- Super fast recovery time

### MECHANICAL DATA

- Case: JEDEC DO-214AC molded plastic
- Terminals: Solder plated, solderable per J-STD-002
- Polarity: Color band denotes cathode end
- Weight: 0.0673 gram

### ABSOLUTE MAXIMUM RATING AND ELECTRICAL CHARACTERISTICS

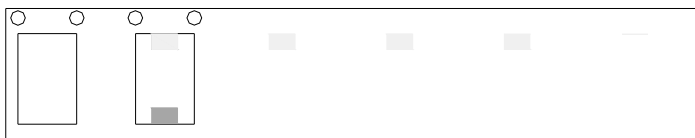
(Rating at 25 —



## THERMAL RESISTANCES

Symbol	Parameter	MUR140S
--------	-----------	---------

**TAPE AND REEL SPECIFICATION-SMA**



CHARACTERISTICS CURVE

FIG.1: Typical forward characteristics (25 )	FIG.2: Typical reverse characteristics
<p style="text-align: center;">9 ) 9</p>	<p style="text-align: center;">                     Ö X \$                      Ö X \$                 </p>
FIG.3: Maximum non-repetitive peak forward surge current	FIG.4: Forward current derating curve
Empty cell for FIG.3	Empty cell for FIG.4