



JEUR0806SC

EPI ULTRAFAST RECOVERY RECTIFIER

Rev.1.3

DESCRIPTION

Plastic package has underwriters laboratory flammability classification 94V-0

Lead free in comply with EU RoHS 2011/65/EU directives

Low reverse leakage current

Ultrafast recoverse V in e a Uverq mMv μ U

ABSOLUTE MAXIMUM RATING(Rating at 25 case temperature unless otherwise specified.)

| Parameter | Symbol | JEUR0806SC | Unit |
|-----------------------------------------|-------------|------------|------|
| Maximum repetitive peak reverse voltage | V_{RRM} | 600 | V |
| DC blocking voltage | V_{DC} | 600 | V |
| Average forward current at $T_C=70$ | $I_{F(AV)}$ | 8 | A |

Peak forward surge current: 8.3ms single half sine-wave superimposed AD

THERMAL RESISTANCES

Symbol

PACKAGE MECHANICAL DATA

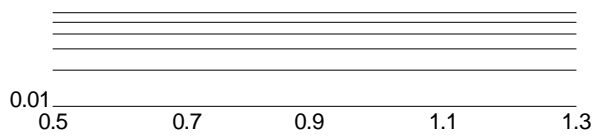


| Ref. | Dimensions | | | |
|------|-------------|--|--------|--|
| | Millimeters | | Inches | |
| | Min. | | | |
| A | 5.75 | | | |
| B | 6.90 | | | |
| C | 2.75 | | | |
| D | 0.95 | | | |
| E | 7.70 | | | |
| F | 0.051 | | | |
| G | 0.15 | | | |
| | | | | |

CHARACTERISTICS CURVE

FIG.1: Typical forward characteristics

FIG.2: Typical reverse characteristics




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