

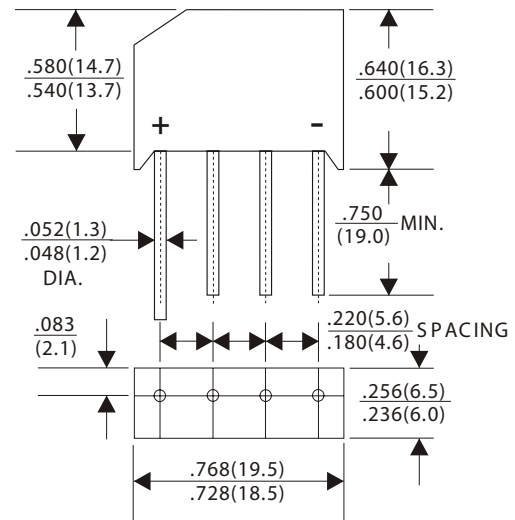
RoHS Compliant Product
A suffix of "-C" specifies halogen-free.



FEATURES

- Surge Overload rating – 125 amperes peak
- Ideal for printed circuit board
- Plastic material has underwrites laboratory Flammability classification 94V-0
- Polarity: marked on body
- Mounting position: Any
- Weight: 4.8 grams

RS-4L



Dimensions in inches and (millimeters)

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Rating 25°C ambient temperature unless otherwise specified.
Resistive or inductive load, 60Hz,
For capacitive load, derate current by 20%.

| TYPE NUMBER | RS401L | RS402L | RS403L | RS404L | RS405L | RS406L | RS407L | UNITS |
|--|------------|--------|--------|--------|--------|--------|--------|-------|
| Maximum Recurrent Peak Reverse Voltage | 50 | 100 | 200 | 400 | 600 | 800 | 1000 | V |
| Working Peak Reverse Voltage | 35 | 70 | 140 | 280 | 420 | 560 | 700 | V |
| Maximum DC Blocking Voltage | 50 | 100 | 200 | 400 | 600 | 800 | 1000 | V |
| Maximum Average Forward Output Current at T _A = 50°C (Note 1) | 4.0 | | | | | | | A |
| Peak Forward Surge Current, 8.3 ms single half Sine-wave superimposed on rated load (JEDEC method) | 125 | | | | | | | A |
| Maximum Forward Voltage Drop per Element at 2.0A Peak | 1.1 | | | | | | | V |
| Maximum DC Reverse Current at Rated DC Blocking Voltage | 10.0 | | | | | | | µA |
| Maximum DC Reverse Current at Rated DC Blocking Voltage and T _A = 150 °C | 1.0 | | | | | | | mA |
| Operating and Storage Temperature Range T _J , T _{STG} | -55 ~ +150 | | | | | | | °C |

Note: 1. Mounting conditions, 0.5" lead length maximum.

● RATING AND CHARACTERISTIC CURVES (RS401L THRU RS407L)

FIG.1-TYPICAL FORWARD CURRENT DERATING CURVE

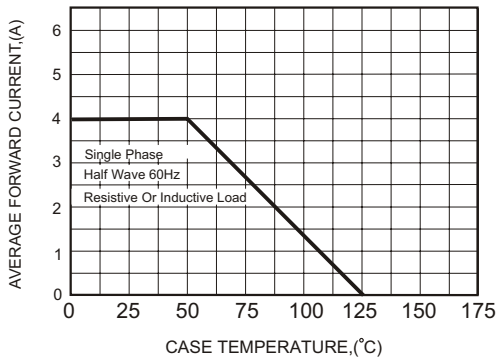


FIG.2-MAXIMUM NON-REPETITIVE FORWARD SURGE CURRENT

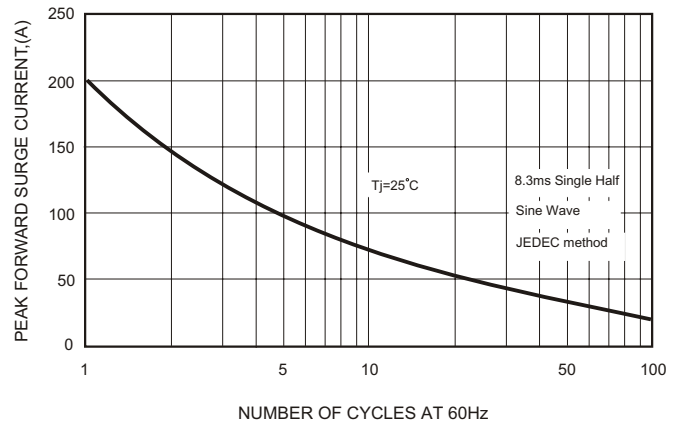


FIG.3-TYPICAL FORWARD CHARACTERISTICS

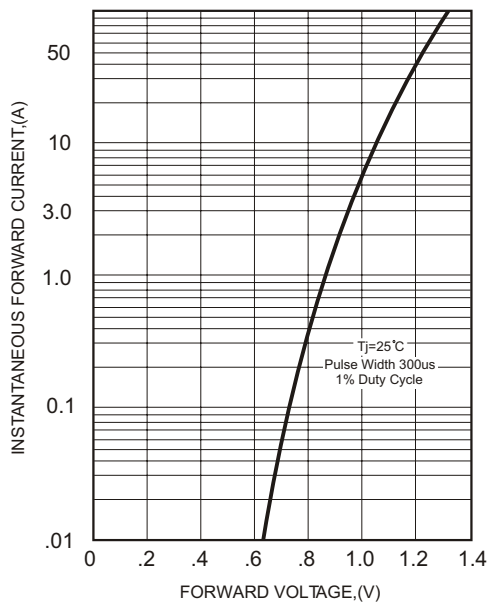


FIG.4-TYPICAL REVERSE CHARACTERISTICS

