

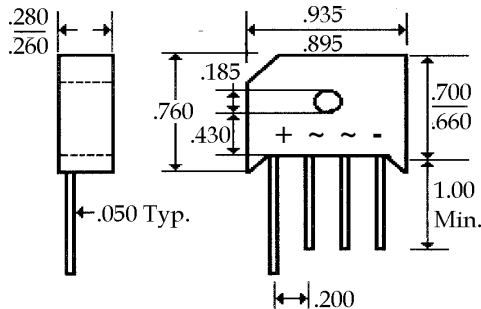


Description



**4.0 Amp
SINGLE PHASE SILICON BRIDGE**

Mechanical Dimensions



(Dimensions in inches)

Mechanical Data: Weight - 0.3 Ounces. Mounting Torque - 5.1 lbs. Mounting Position - Any.

Features

- **COMPACT SIZE**
- **200 AMP SURGE OVERLOAD RATING**
- **LOW LEAKAGE CURRENT**
- **MEETS UL SPECIFICATION 94V-0**

| KBU400 . . . 410 Series | | | | | | | | Units |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------------|
| Maximum Ratings | KBU400 | KBU401 | KBU402 | KBU404 | KBU406 | KBU408 | KBU410 | |
| Peak Repetitive Reverse Voltage... V_{RRM} | 50 | 100 | 200 | 400 | 600 | 800 | 1000 | Volts |
| RMS Reverse Voltage... $V_{R(rms)}$ | 35 | 70 | 140 | 280 | 420 | 560 | 700 | Volts |
| DC Blocking Voltage... V_{DC} | 50 | 100 | 200 | 400 | 600 | 800 | 1000 | Volts |
| Average Forward Rectified Current... $I_{F(av)}$ $T_A = 25^\circ C$ | ..... |  |  | 4.0 | ..... |  |  | Amps |
| Non-Repetitive Peak Forward Surge Current... I_{FSM} 8.3 ms Single 1/2 Sine Wave Imposed on Rated Load | ..... |  |  | 200 | ..... |  |  | Amps |
| Operating Temperature Range... T_J | ..... |  |  | -55 to 125 | ..... |  |  | $^\circ C$ |
| Storage Temperature Range... T_{STRG} | ..... |  |  | -55 to 150 | ..... |  |  | $^\circ C$ |
| Electrical Characteristics | | | | | | | | |
| Maximum Forward Voltage... V_F Per Bridge Element @ 4.0 Amps | ..... |  |  | 1.1 | ..... |  |  | Volts |
| Maximum DC Reverse Current Per Bridge Element... I_R @ Rated DC Blocking Voltage $T_A = 25^\circ C$ $T_A = 100^\circ C$ | ..... |  |  | 10 | ..... |  |  | μ Amps mAmps |
| Typical Thermal Resistance... $R_{\theta JC}$ | ..... |  |  | 14 | ..... |  |  | $^\circ C/W$ |