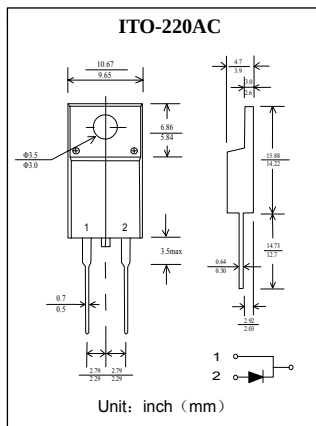


正向电流 10A

Forward Current 10 A



Lead and body according with RoHS standard

·安装扭矩: 推荐值 0.3牛\*米 Mounting torque: Recommend 0.3 N\*m

Ratings at 25°C ambient temperature unless otherwise specified.

|                                                                                 | 符号<br>Symbols   | DUFF10A60(ITO-220AC)<br>DUF10A60(TO-220AC) | 单位<br>Unit |
|---------------------------------------------------------------------------------|-----------------|--------------------------------------------|------------|
| 最大可重复峰值反向电压<br>Maximum repetitive peak reverse voltage                          | $V_{RRM}$       | 600                                        | V          |
| 最大均方根电压<br>Maximum RMS voltage                                                  | $V_{RMS}$       | 420                                        | V          |
| 最大直流阻断电压<br>Maximum DC blocking voltage                                         | $V_{DC}$        | 600                                        | V          |
| 最大正向平均整流电流<br>Maximum average forward rectified current                         | $I_{F(AV)}$     | 10                                         | A          |
| 峰值正向浪涌电流 8.3ms单一正弦半波<br>Peak forward surge current 8.3 ms single half sine-wave | $I_{FSM}$       | 100                                        | A          |
| 典型热阻 Typical thermal resistance                                                 | $R_{\theta JC}$ | 4.0                                        | °C/W       |
| 工作结温和存储温度<br>Operating junction and storage temperature range                   | $T_J, T_{STG}$  | -55---+150                                 | °C         |

Ratings at 25°C ambient temperature unless otherwise specified.

|                                        | 符号<br>Symbols                                                     | DUFF10A60(1TO-220AC)<br>DUF10A60(TO-220AC) | 单位<br>Unit      |
|----------------------------------------|-------------------------------------------------------------------|--------------------------------------------|-----------------|
| 最大正向电压<br>Maximum forward voltage      | I <sub>F</sub> = 10A                                              | V <sub>F</sub>                             | 2.4<br>V        |
| 最大反向电流<br>Maximum reverse current      | TA= 25℃<br>TA=125℃                                                | I <sub>R</sub>                             | 10<br>300<br>μA |
| 最大反向恢复时间<br>MAX. Reverse Recovery Time | I <sub>F</sub> =0.5A I <sub>R</sub> =1.0A I <sub>REC</sub> =0.25A | trr                                        | 30<br>nS        |

大昌电子 DACHANG ELECTRONICS

## 特性曲线 Characteristic Curves

